V

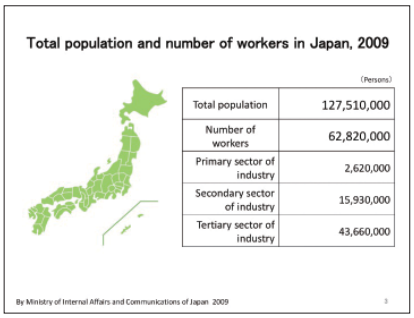
資料編

講義・講演、読影・症例研究 使用スライド

〈スライド〉
日本におけるじん肺及び石綿関連疾患等の職業性疾病の発生状況

1-01

1-02



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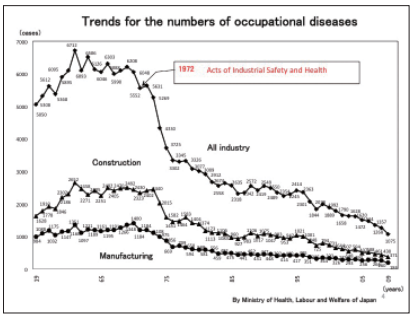

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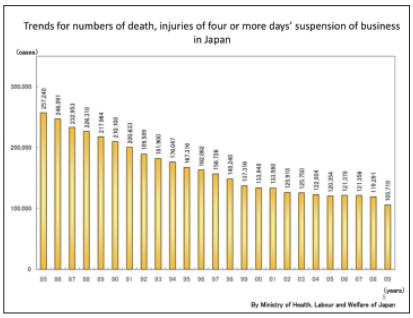

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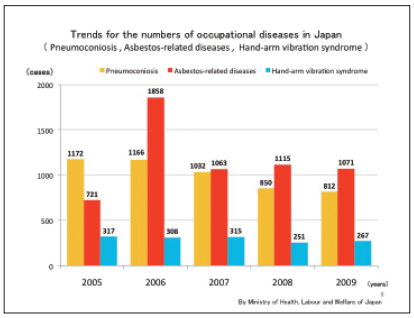

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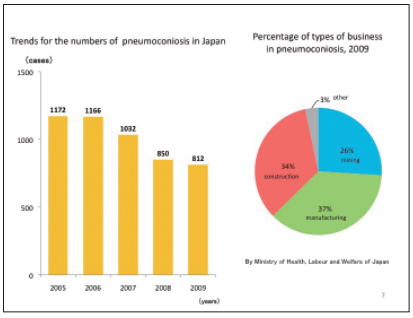

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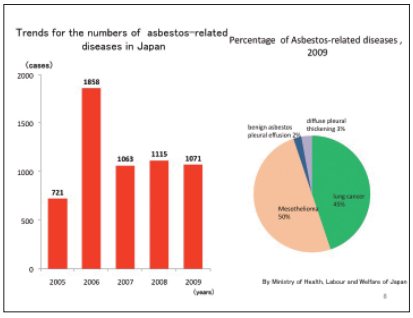

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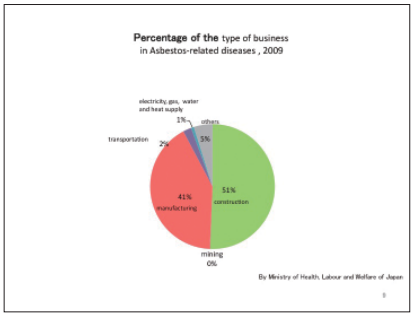

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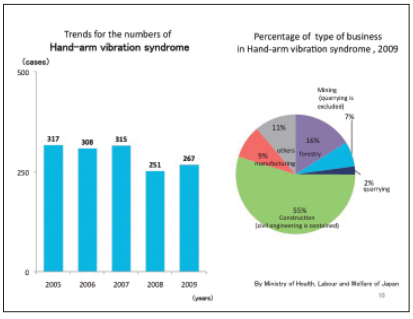

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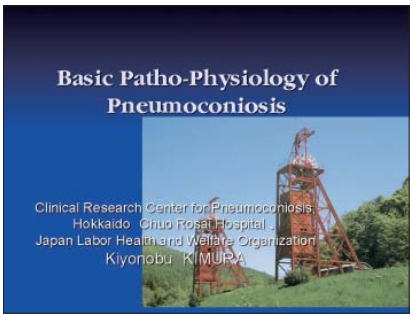
〈スライド〉
じん肺の基本的病態生理



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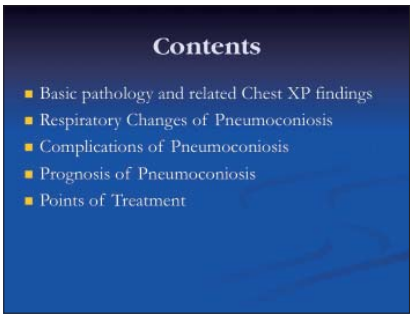

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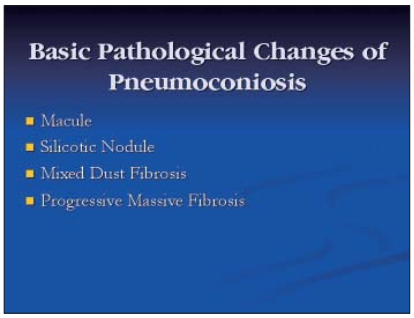

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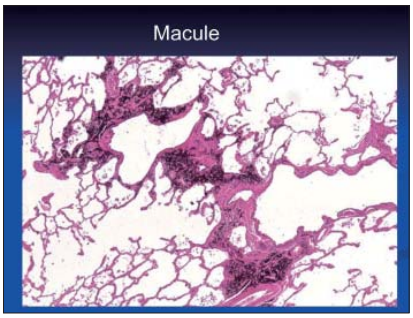

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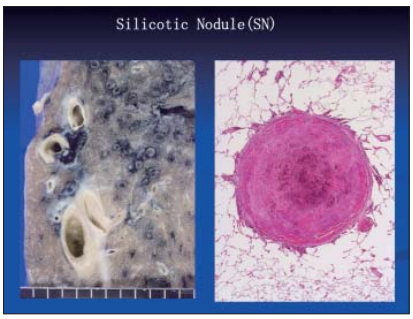

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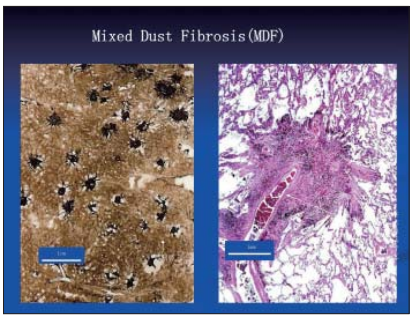

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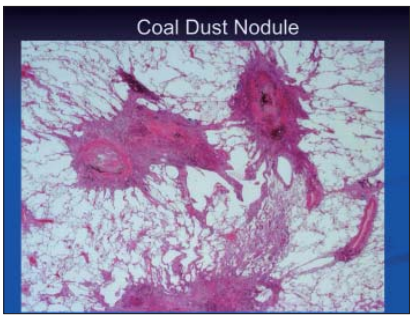

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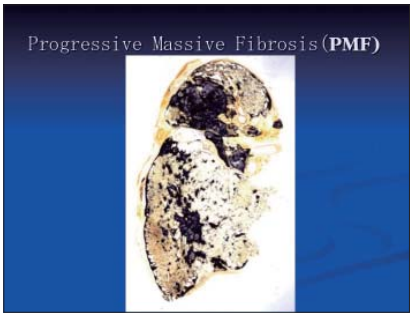

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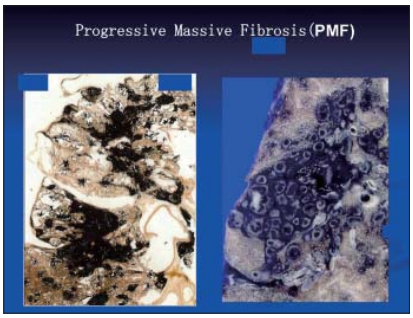

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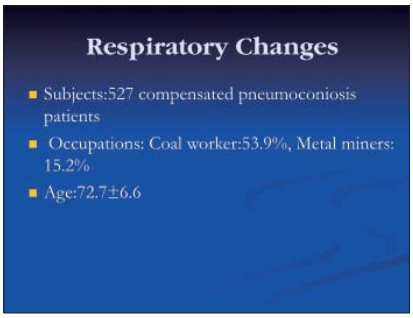

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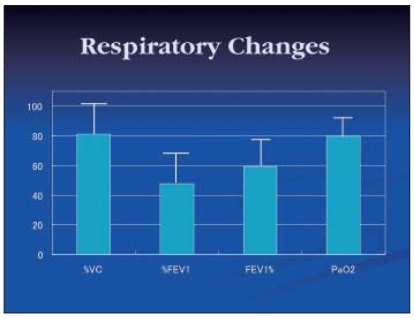

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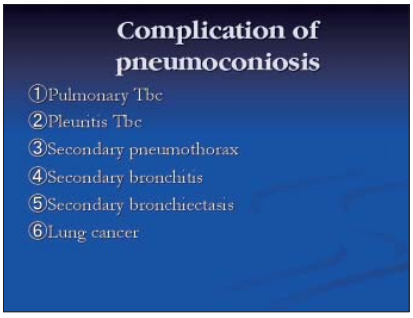

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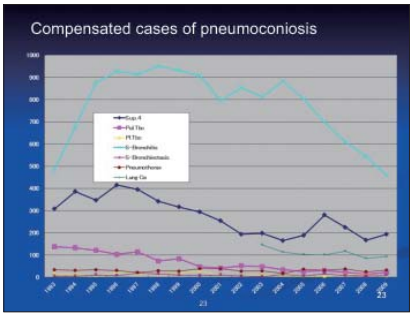

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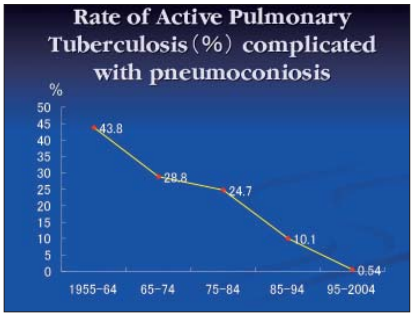

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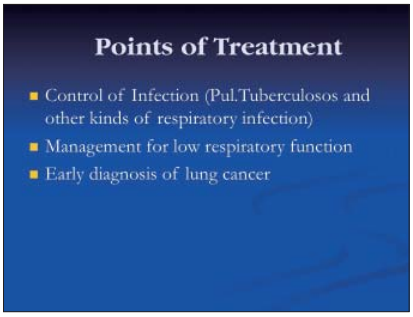

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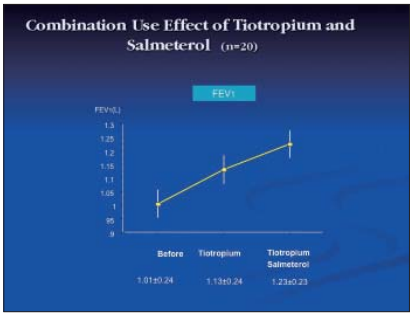

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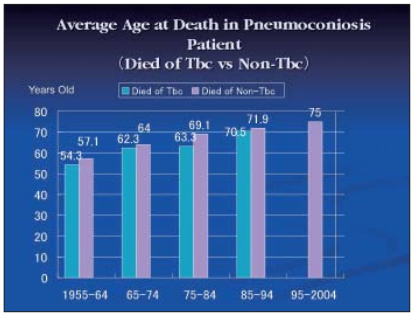

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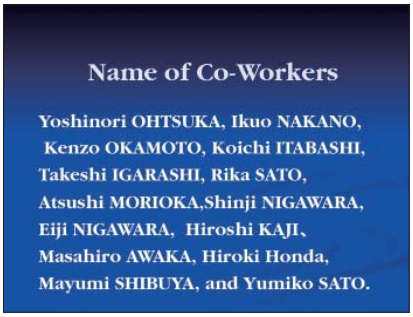

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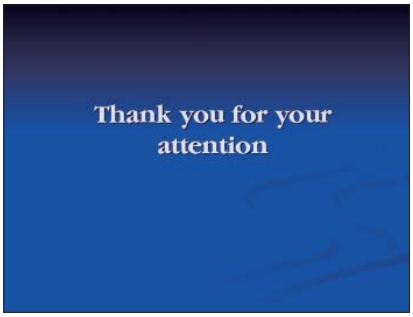
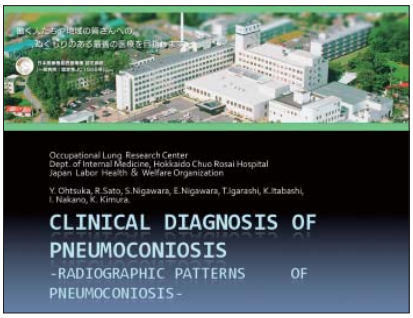


2-29

I. 講義・講演編

03

〈スライド〉
じん肺の臨床診断とX線パターン－炭鉱夫じん肺



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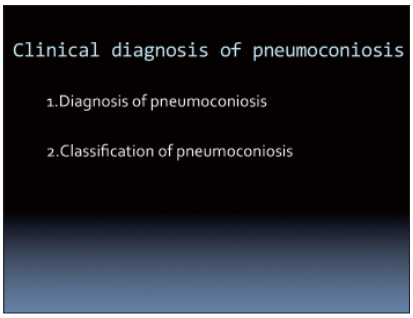

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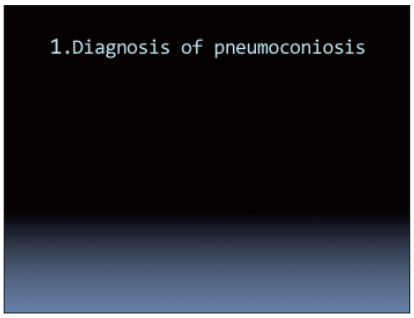

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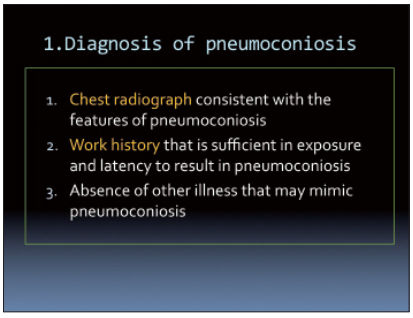

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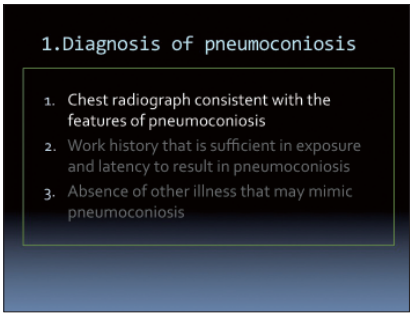

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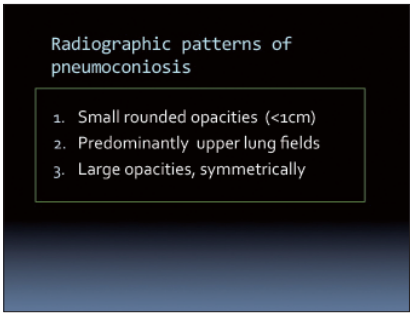

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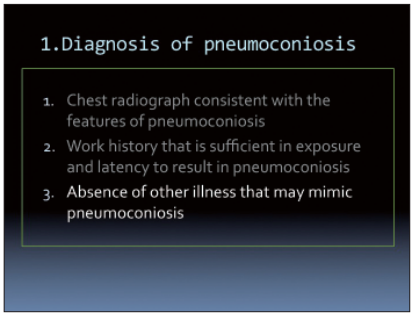

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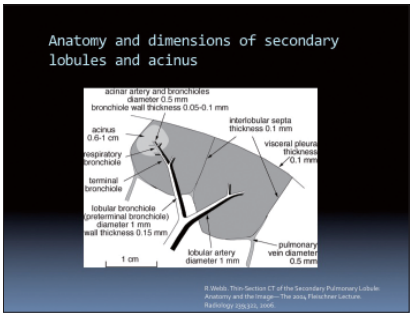

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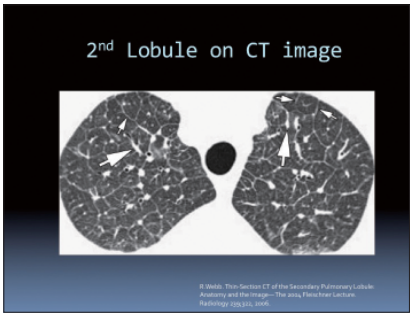

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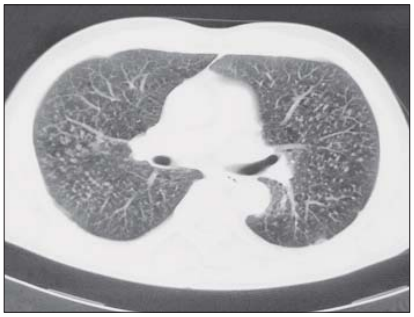

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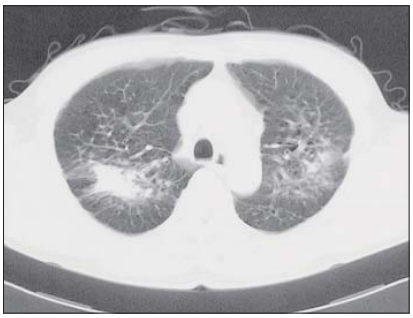

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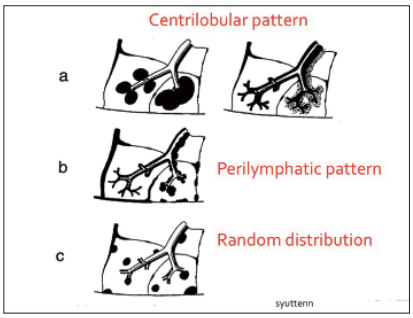

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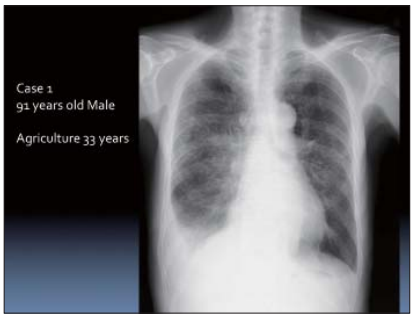

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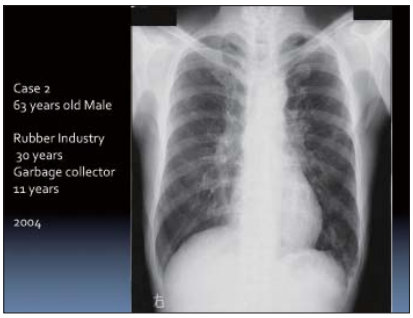

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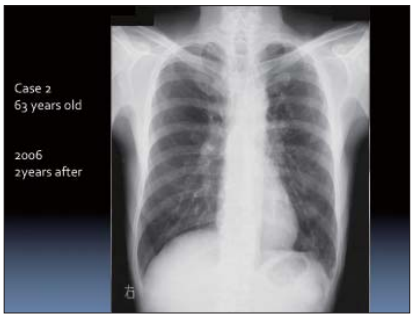

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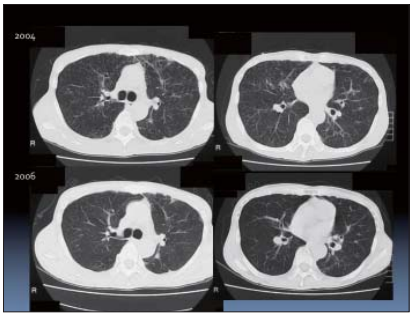

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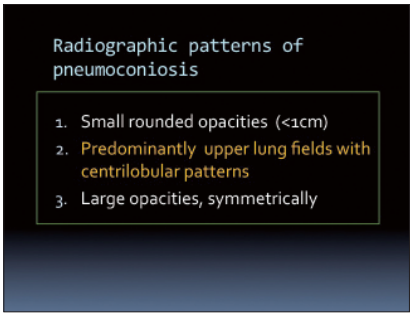

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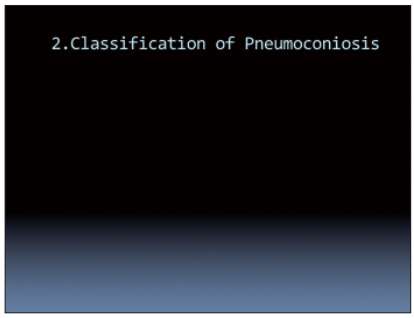

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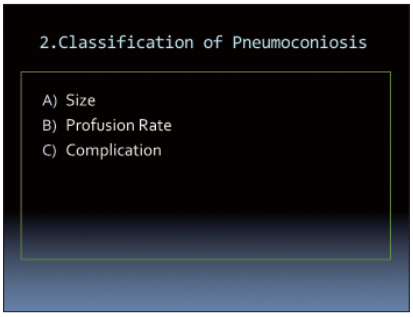

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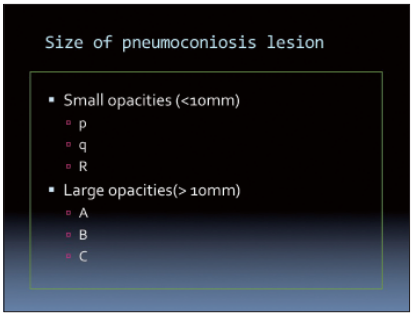

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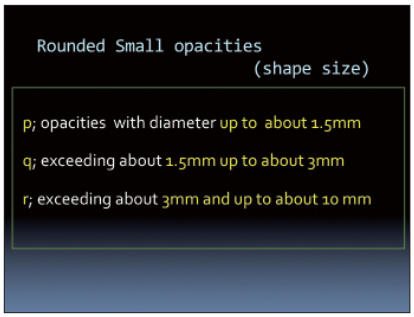

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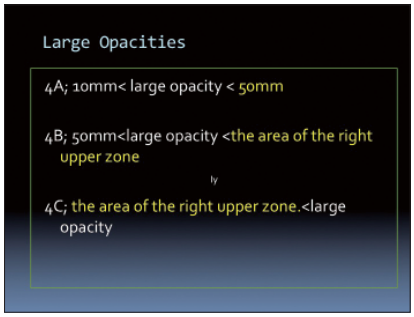

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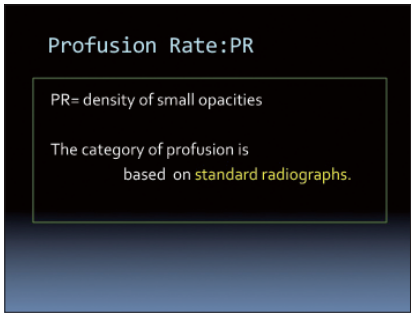

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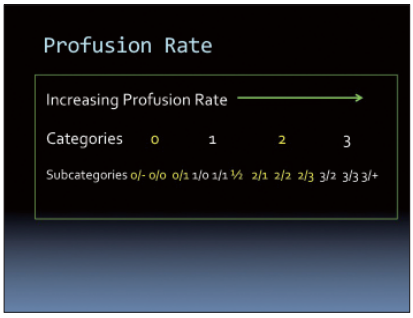

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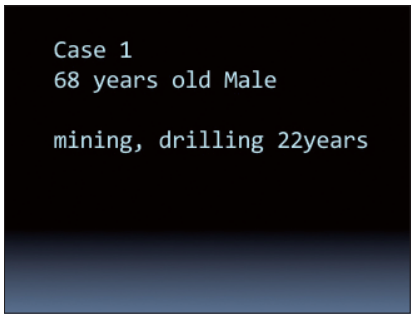

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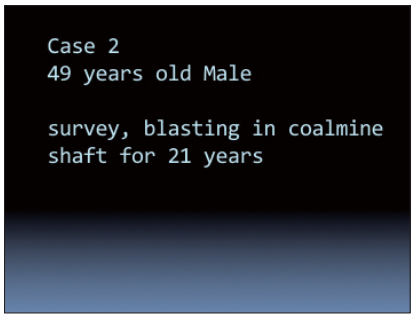

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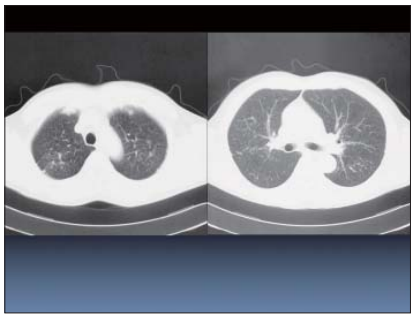

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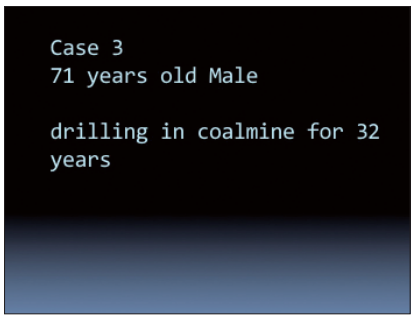

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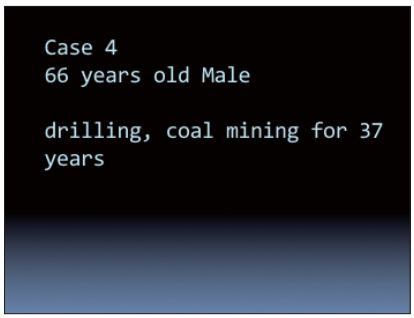

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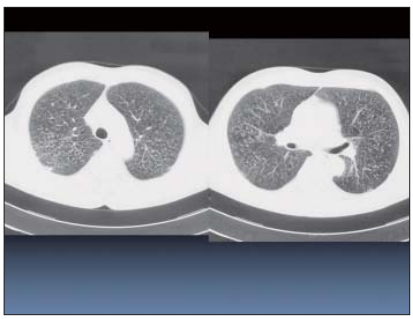

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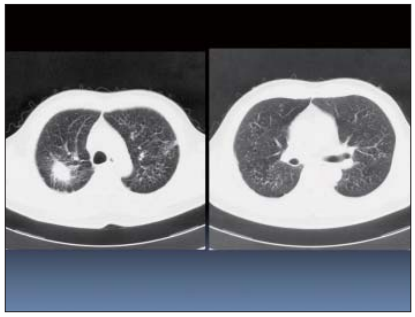
Case 5

65 years old Male

drilling, mining, wheeling
30 years

3-40

3-41



3-42

Case 6

73 years old Male

drilling, mining 19 years

3-43

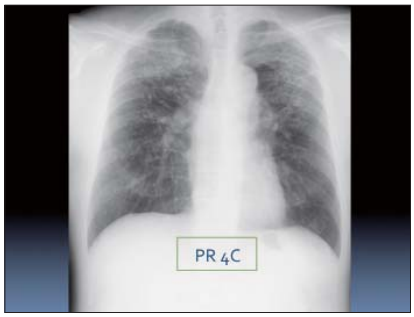
3-44

3-45

Case 7
63 years old Male

survey, working in coal mine
shaft for 26 years

3-46



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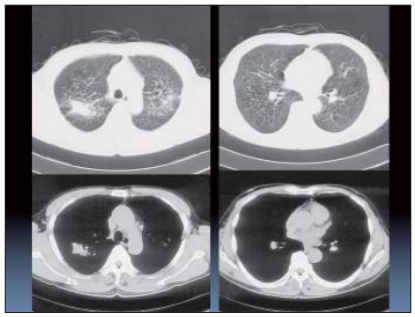

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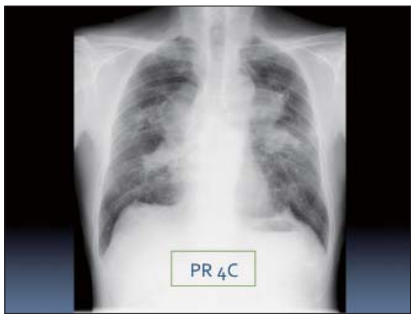
Case 8
65 years old Male

drilling 25 years

3-49



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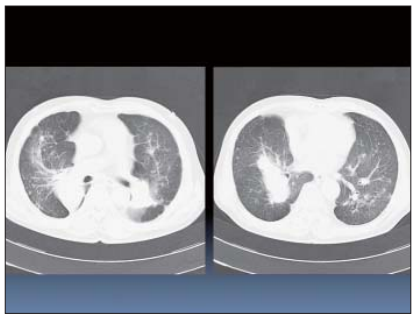

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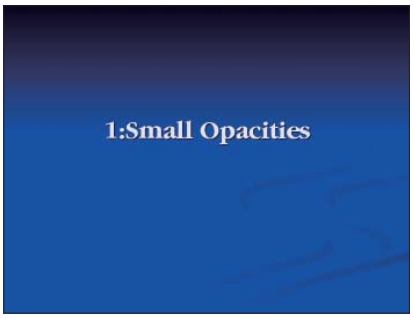
Thank you for your
attention.

3-52

〈スライド〉
その他のじん肺

4-01



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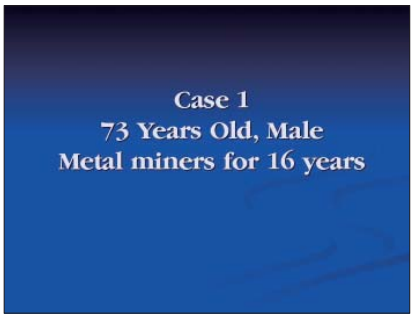

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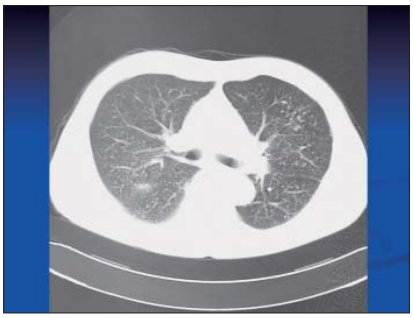
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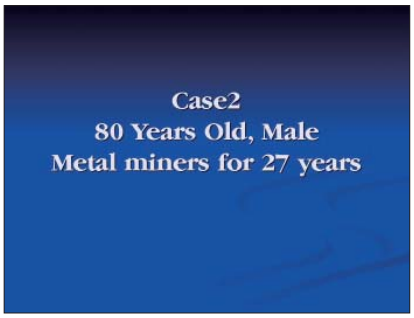

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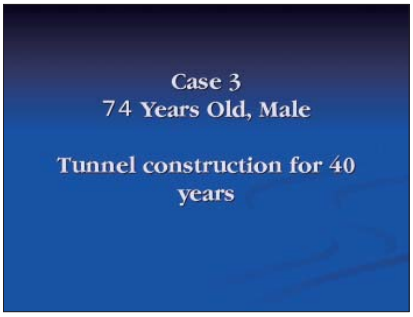

4-10

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4-12

Case 4
64 Years Old, Male
Tunnel construction for 31 years

4-13

4-14

4-15

Case 5
75 Years Old, Male
Ceramic Industry for 9 years

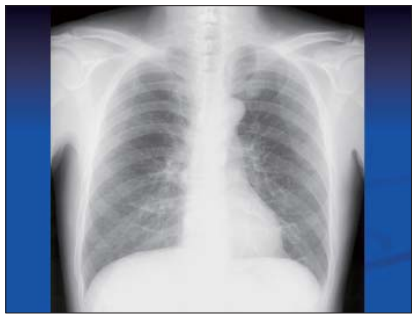
4-16

4-17

4-18

Case 6
64 Years old, Male
Arc and Gas Welder for 20 years

4-19



4-20

4-21

Case 7
55 Years old, Male
Electric Welder for 20 years

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4-23

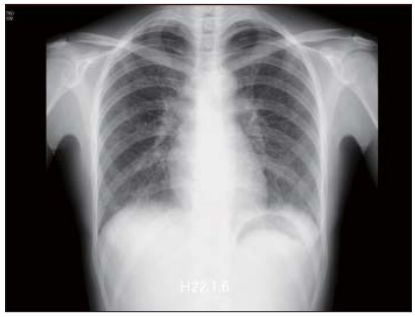
4-24

Case 8

43 Years old , Female

Polish worker of hard metal for 15 years.

4-25



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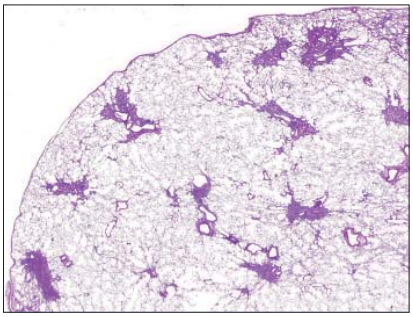

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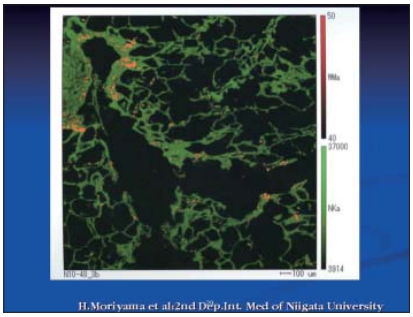

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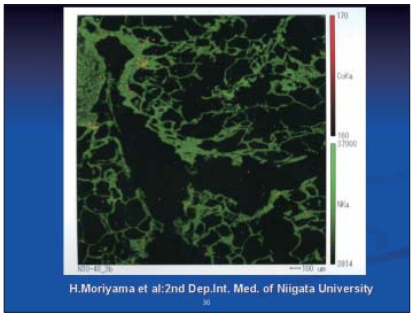

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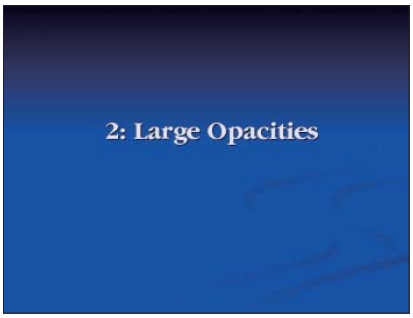

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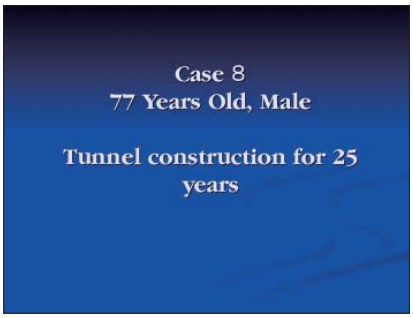

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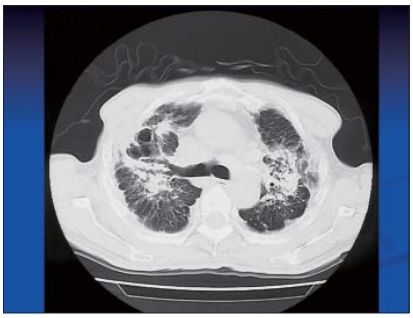

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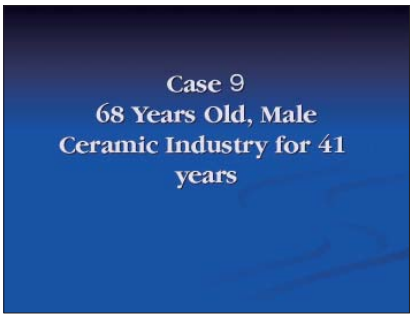

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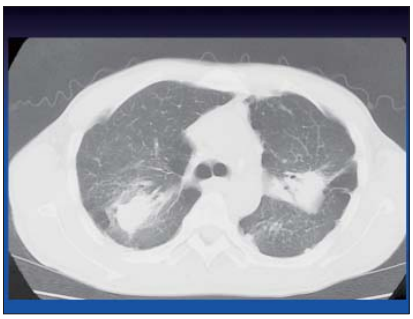

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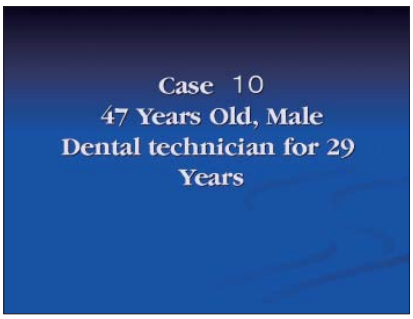

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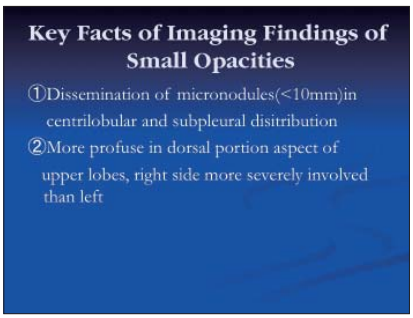

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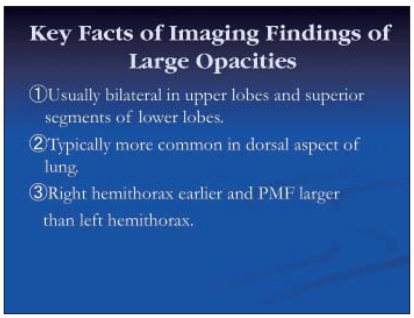

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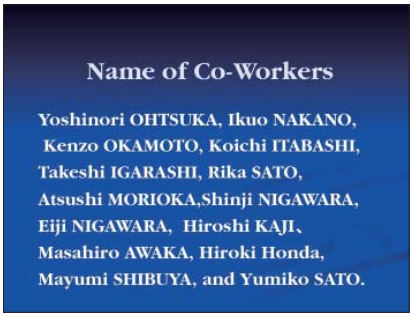

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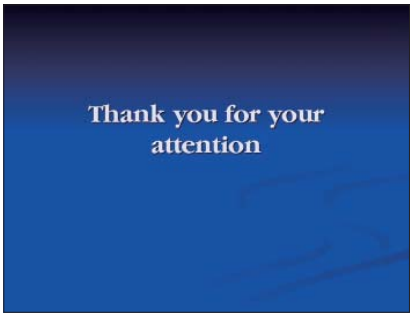

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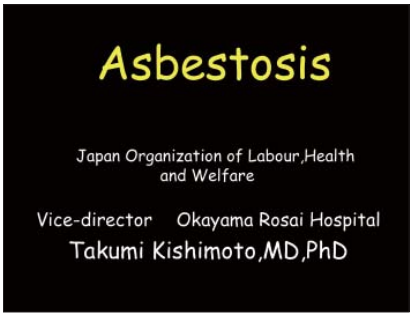
06

〈スライド〉
石綿肺の診断



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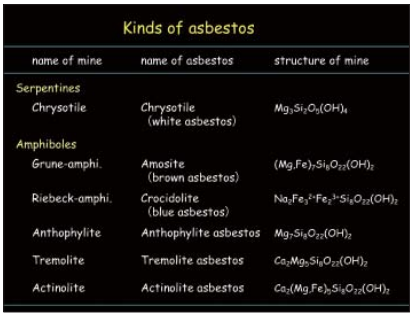

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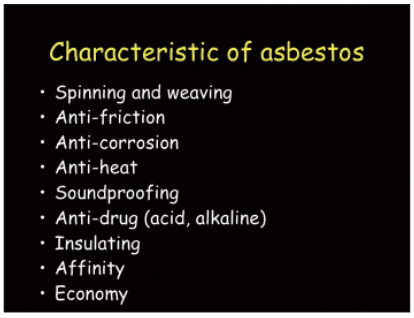

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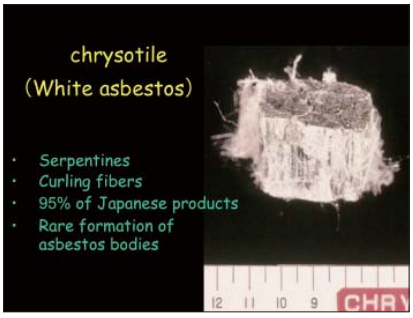

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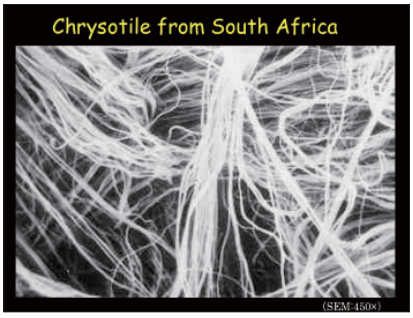

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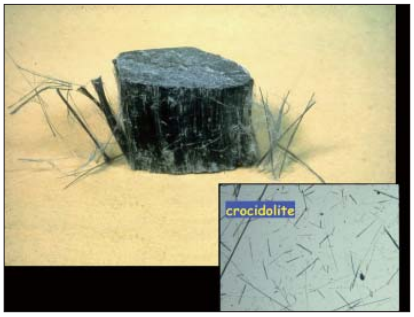

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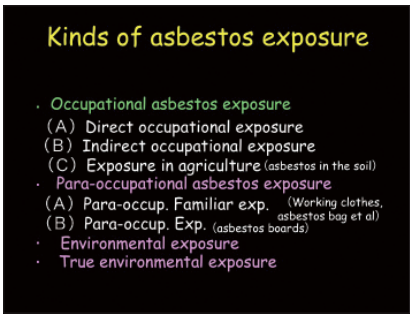

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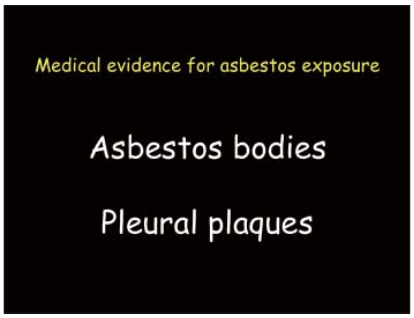

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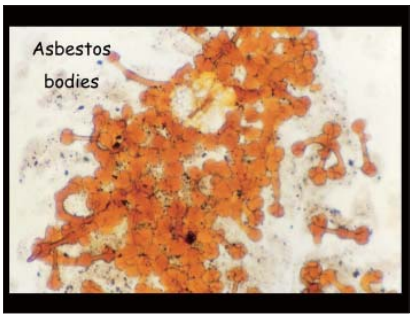

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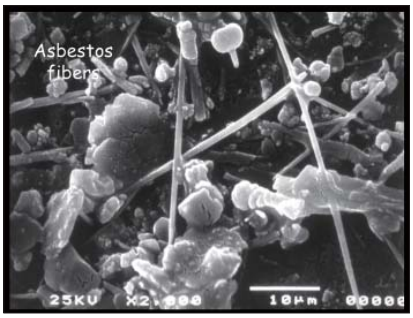

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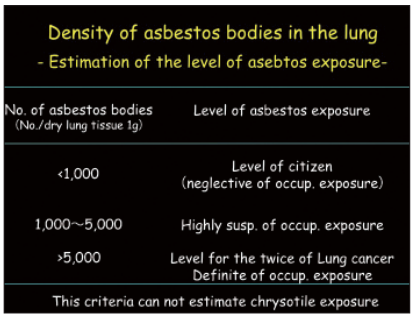

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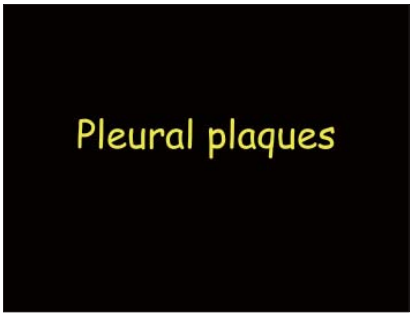

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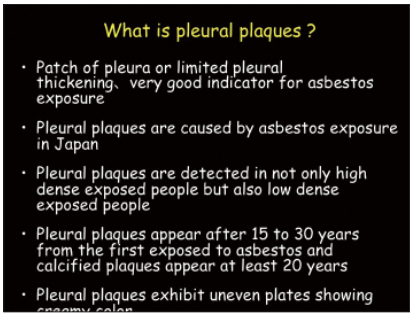

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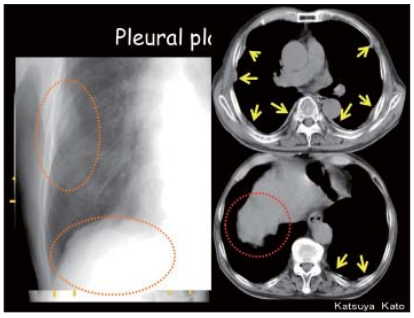

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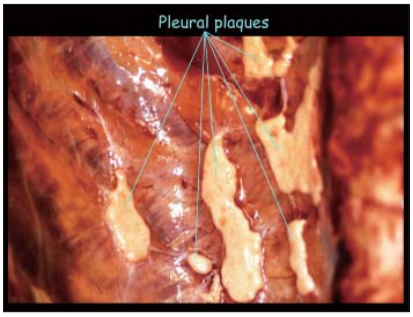

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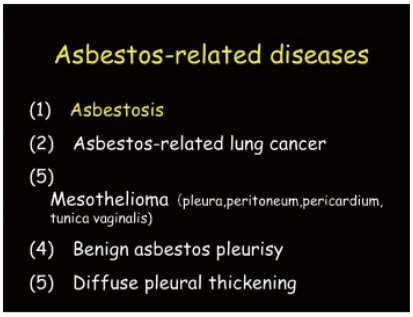

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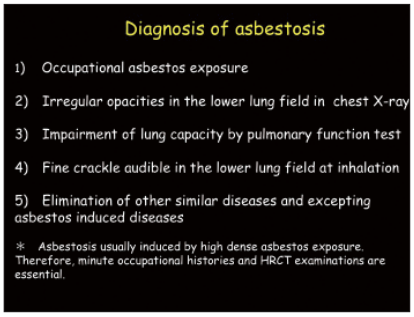

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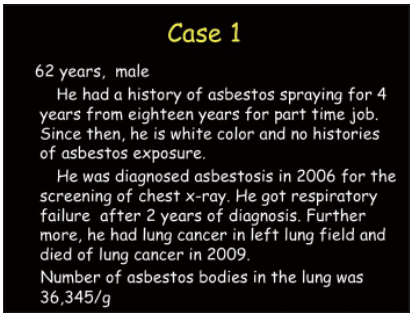

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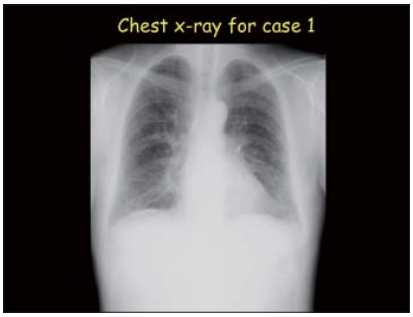

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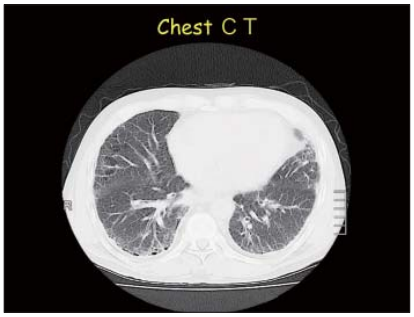

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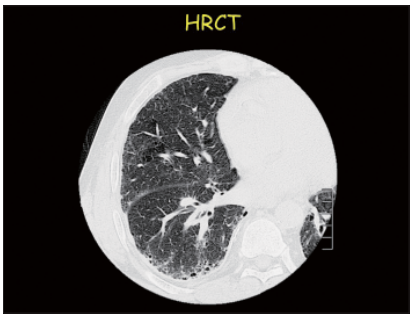

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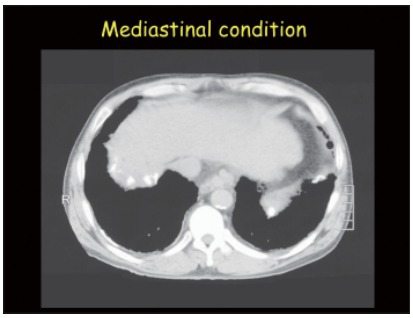

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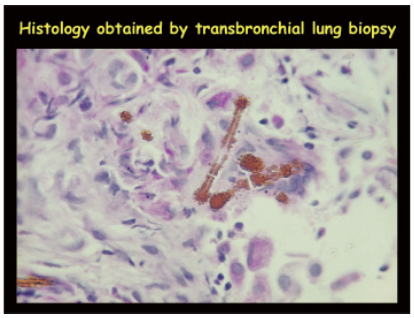

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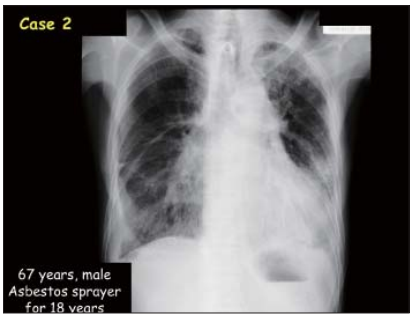

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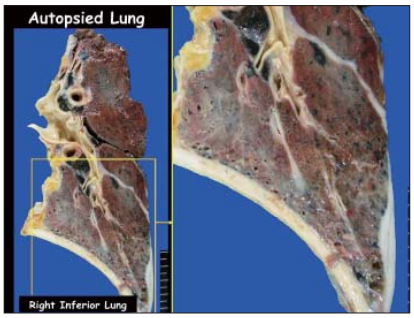

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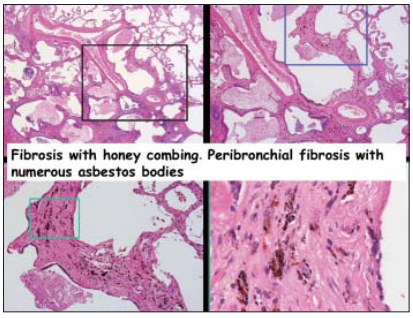

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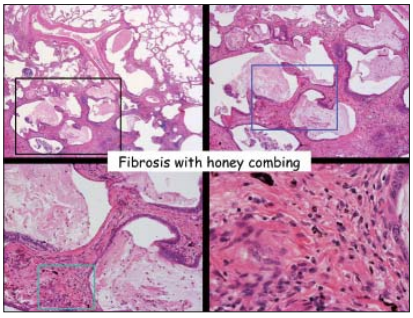

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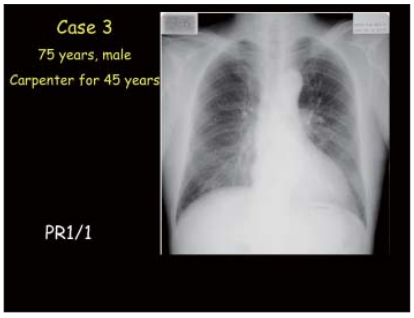

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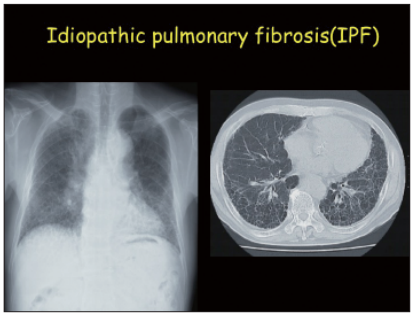

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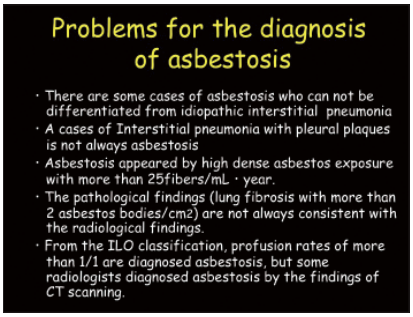

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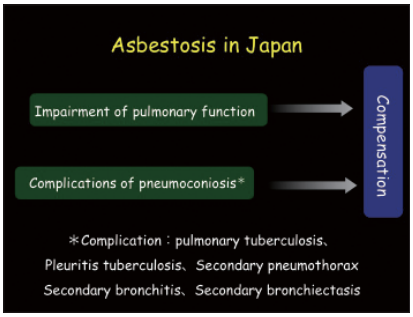

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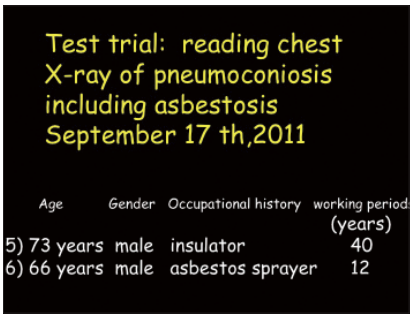

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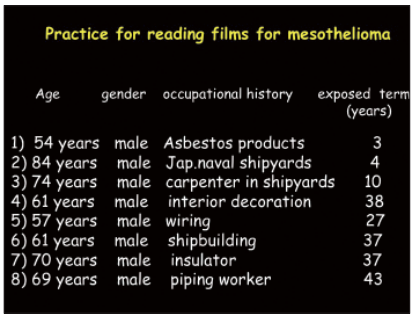
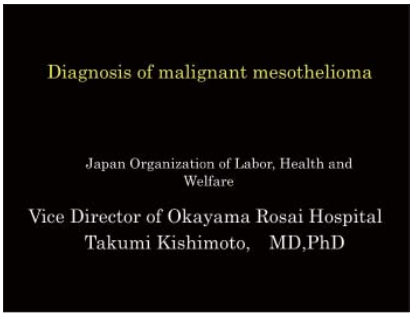


6-45

I. 講義・講演編 09

〈スライド〉
悪性中皮腫の診断



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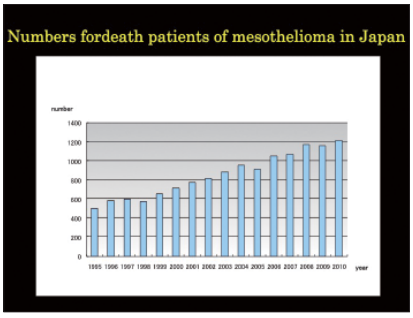

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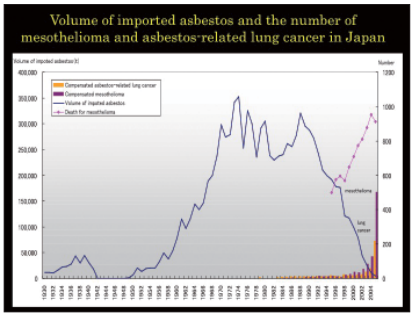

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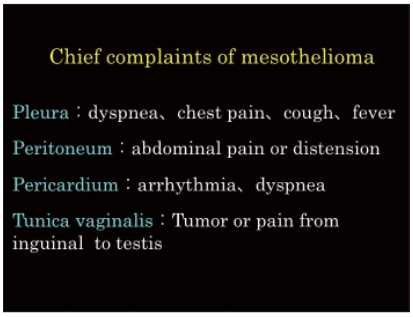

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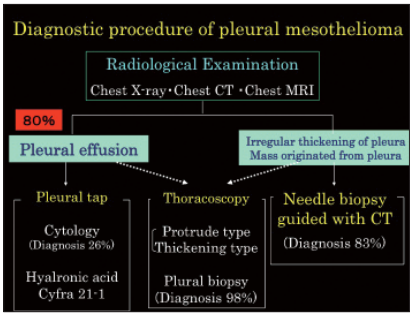

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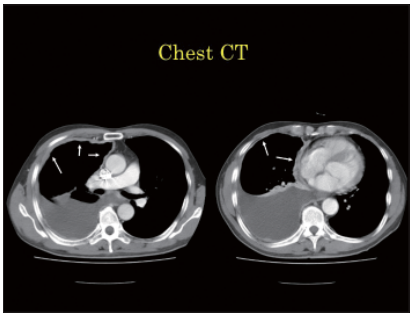

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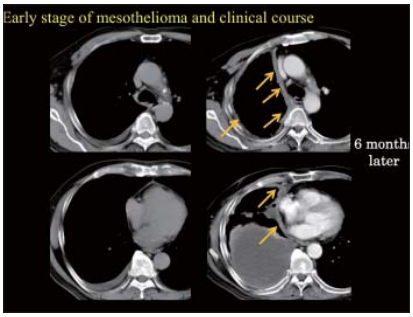

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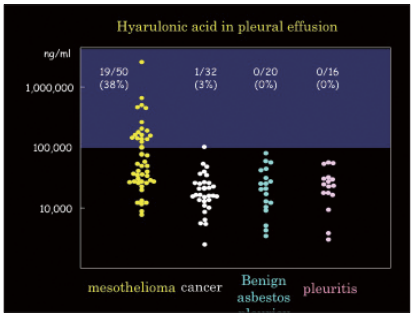

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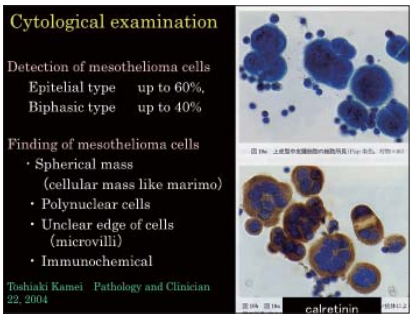

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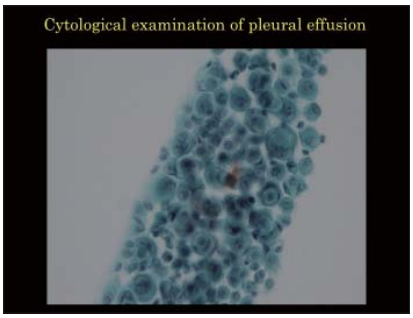

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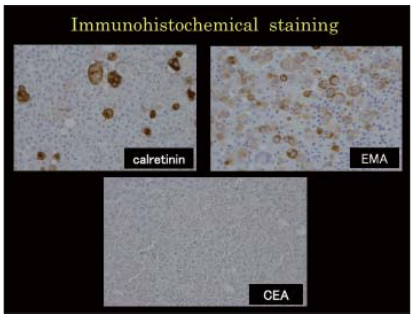

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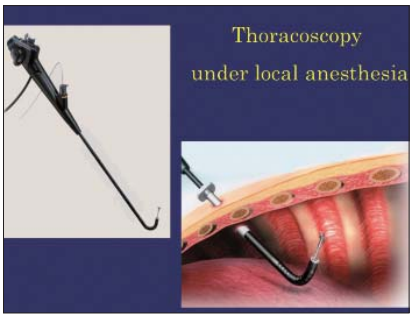

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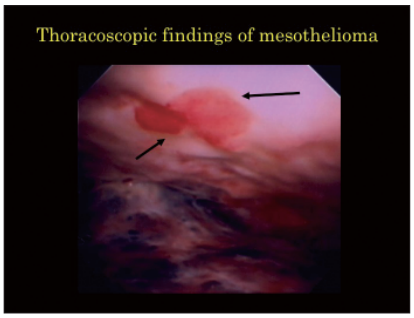

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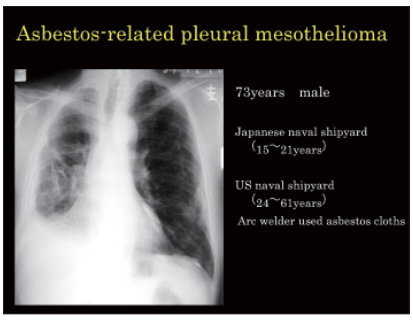

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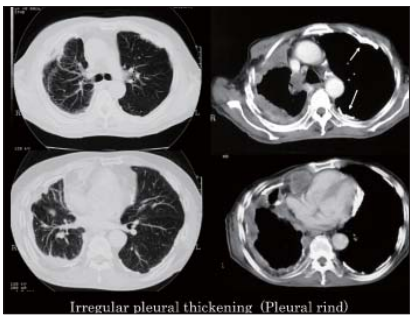

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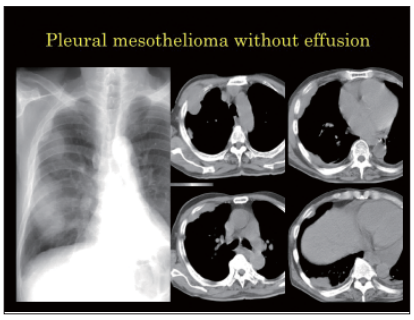

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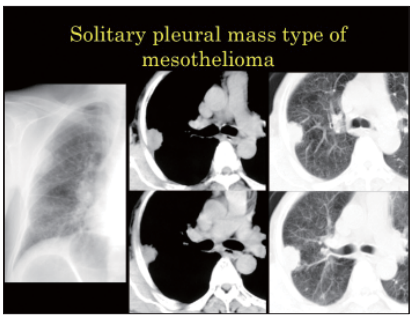

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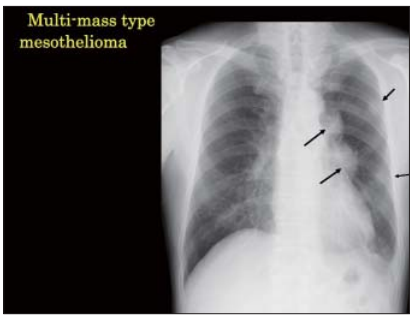

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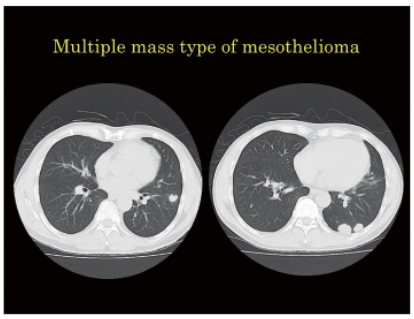

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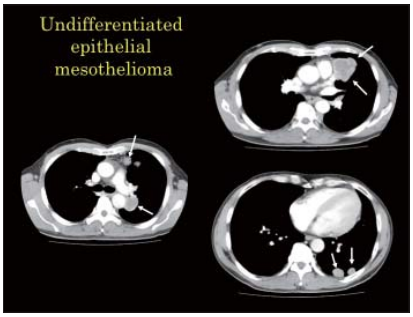

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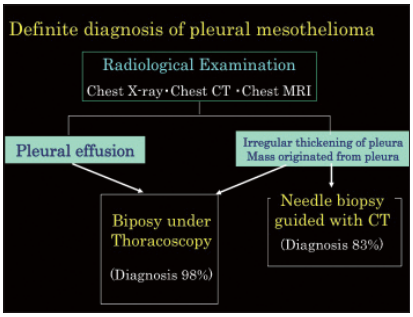

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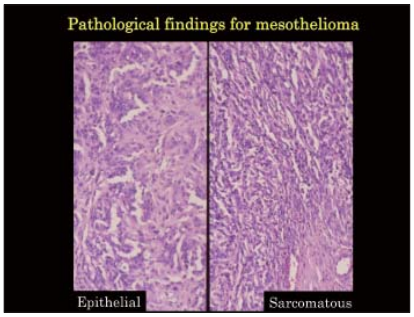

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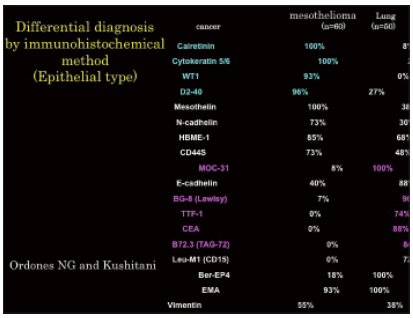

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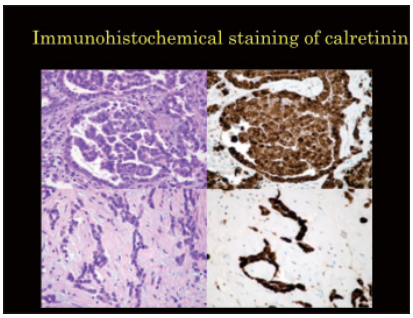

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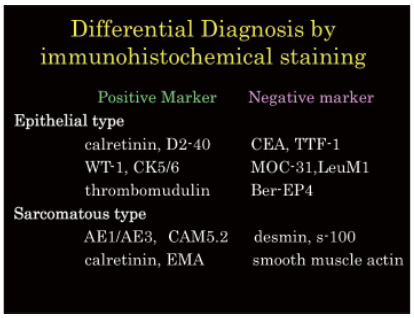

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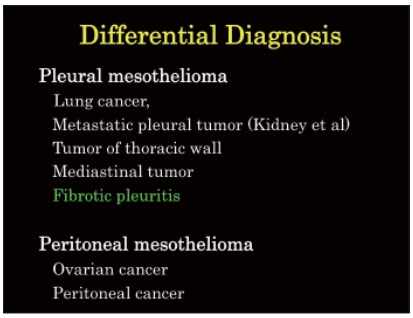

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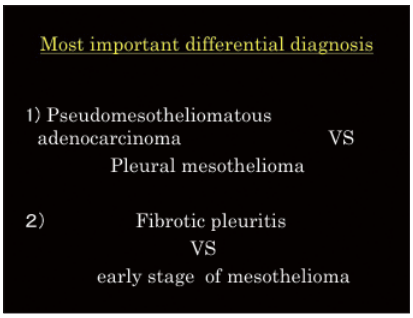

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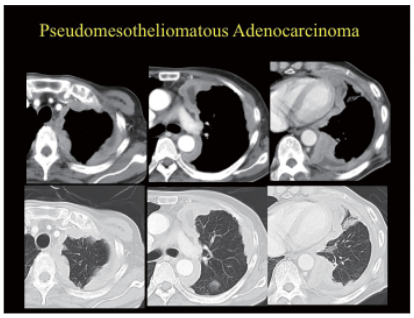

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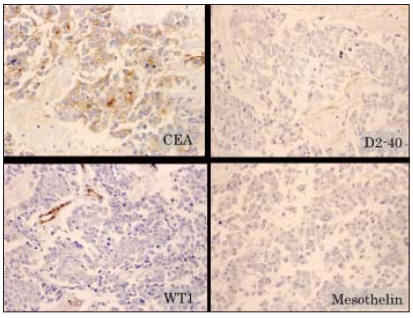

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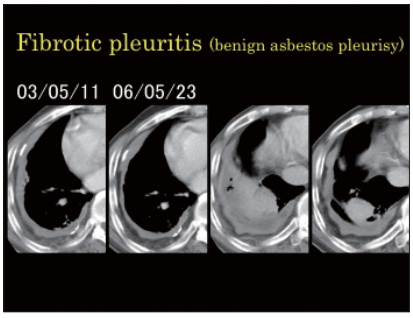

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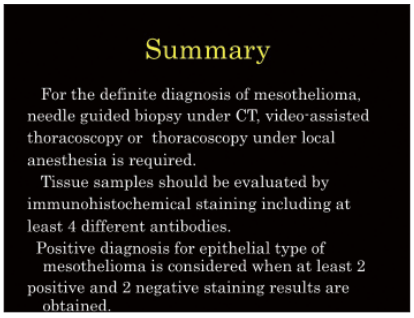

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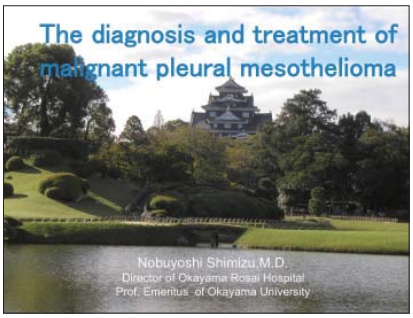
〈スライド〉
胸膜中皮腫の治療



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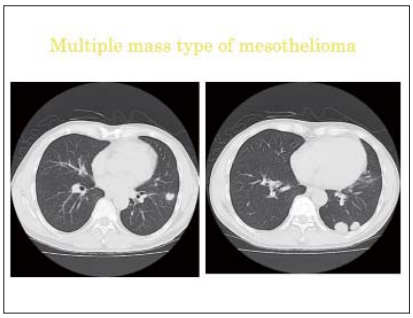

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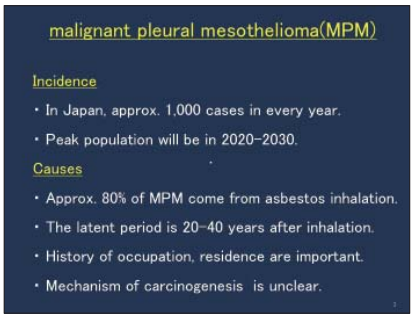

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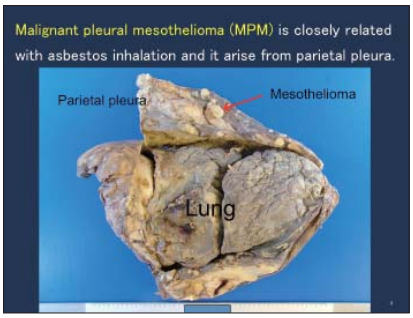

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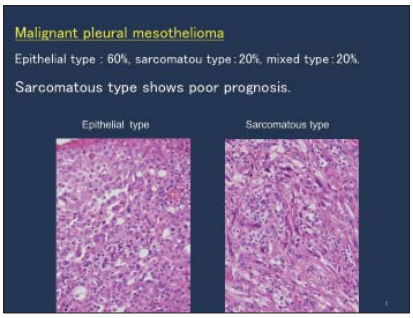

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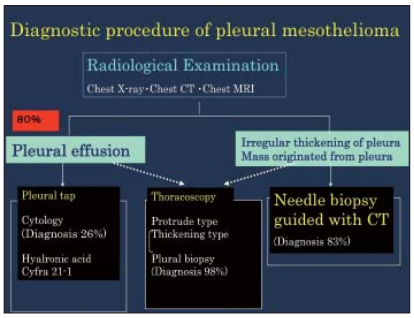

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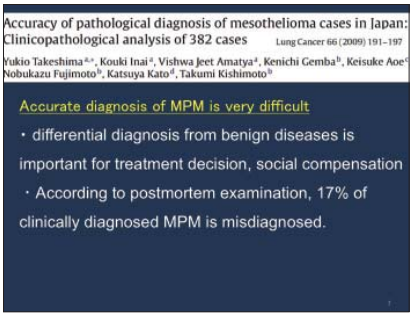

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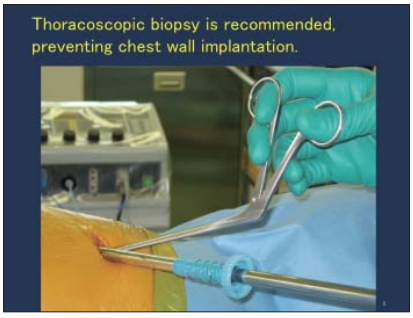

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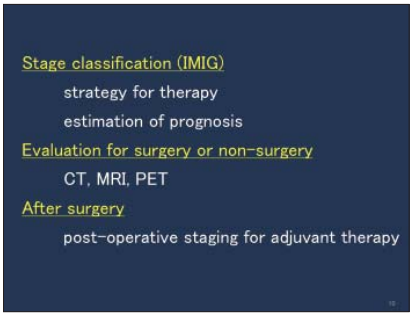

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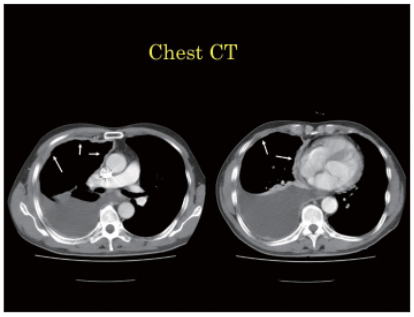

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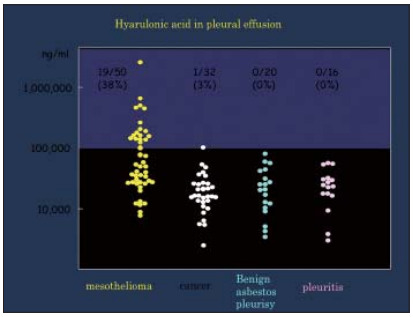

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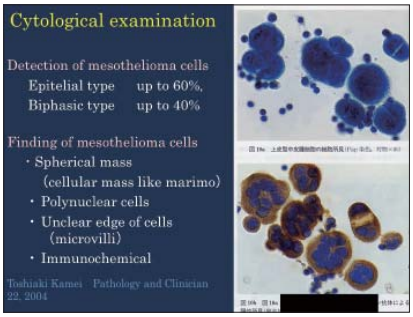

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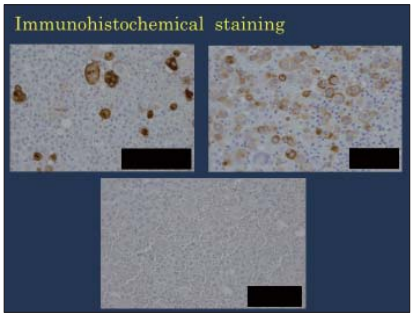

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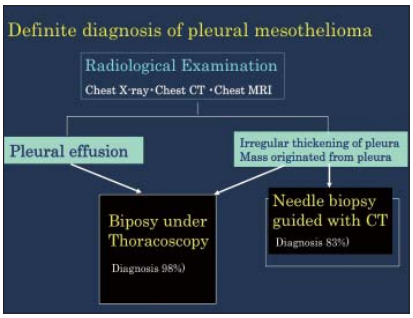

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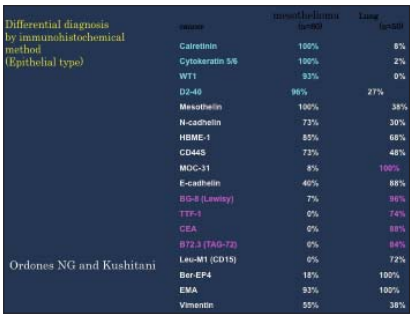

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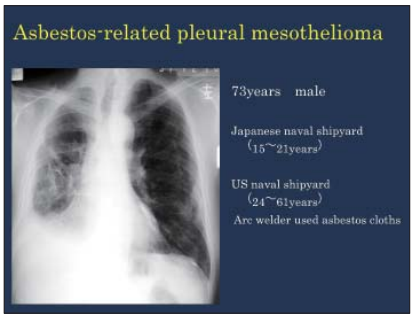

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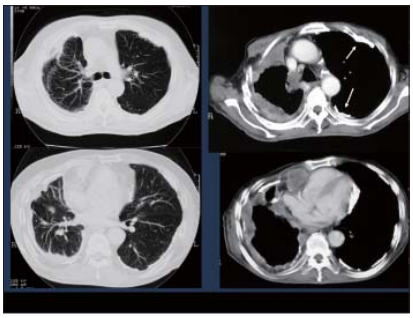

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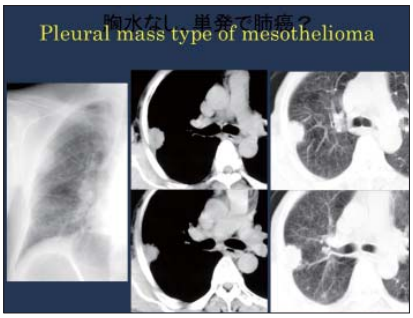

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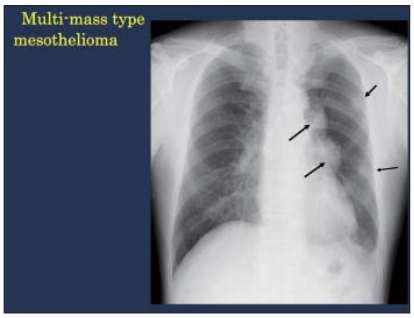

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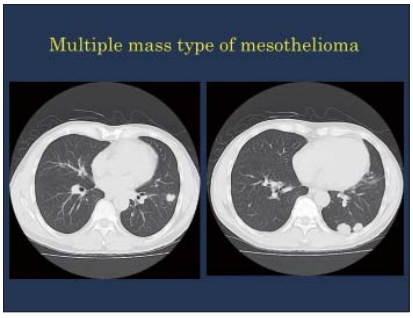

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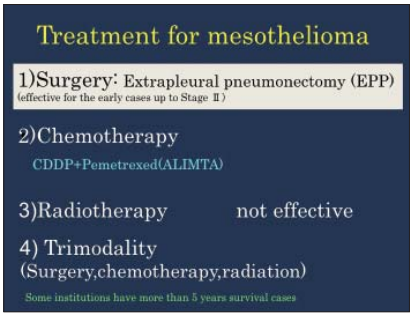

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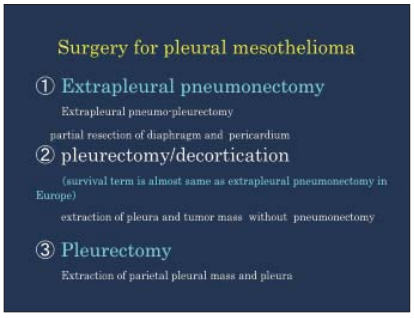

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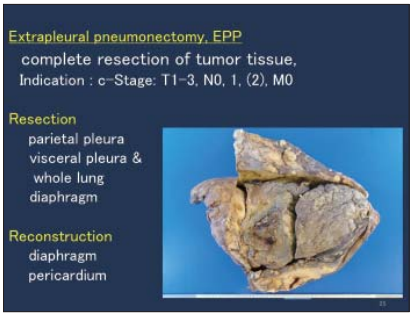

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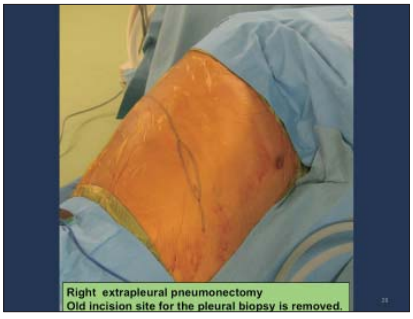

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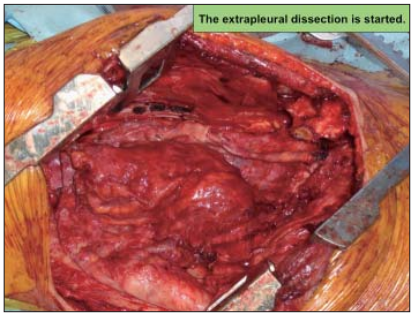

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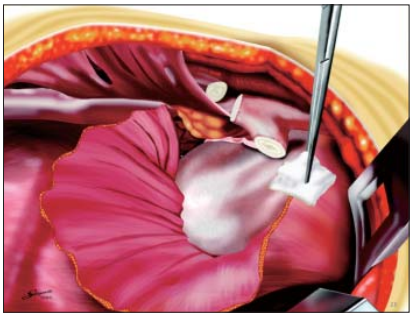

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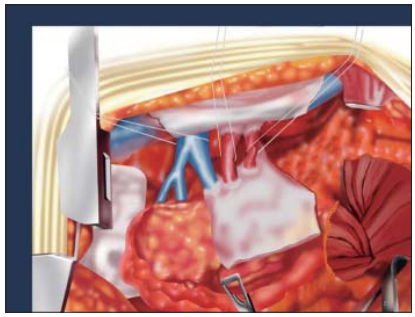

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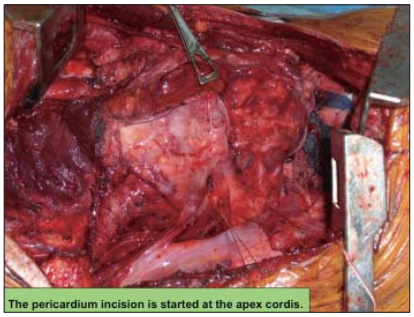

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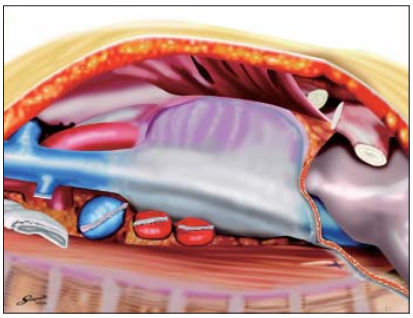

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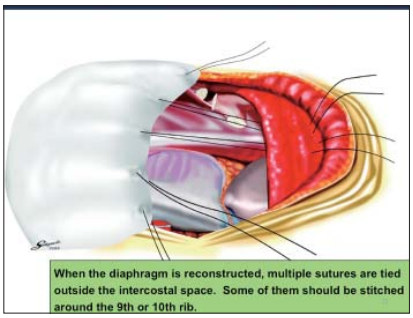

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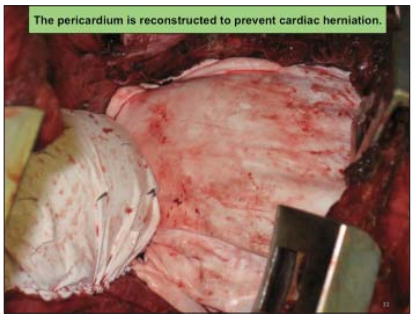

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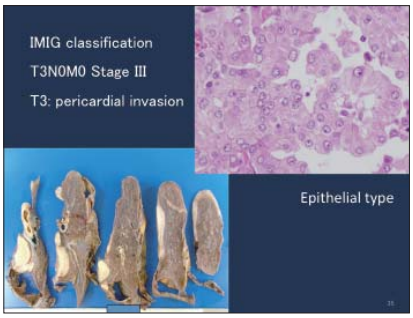

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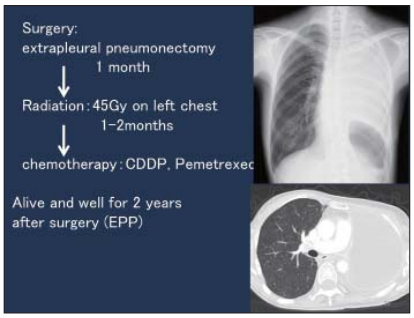

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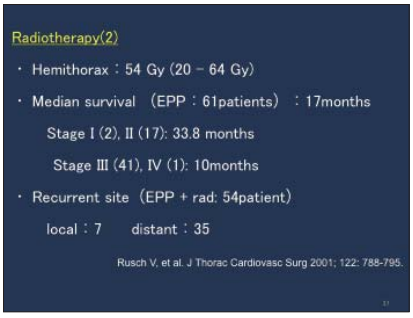

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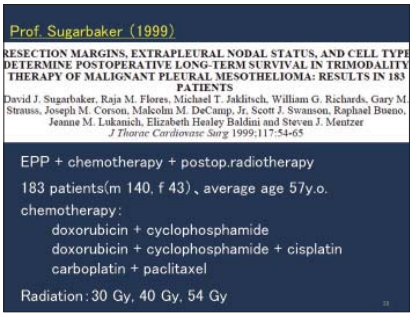

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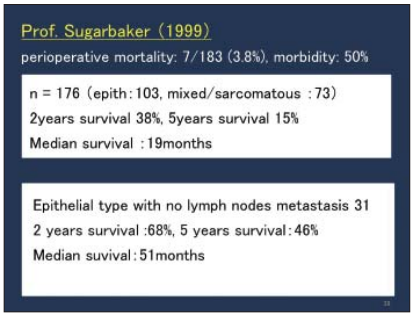

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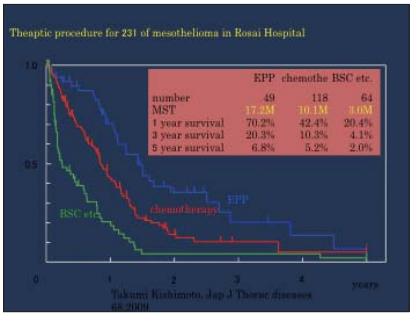

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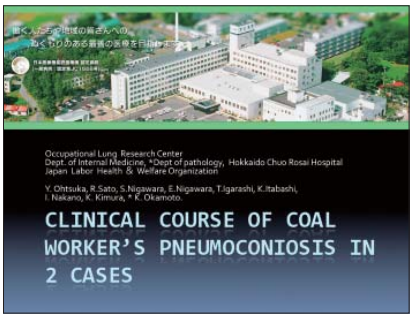
Ⅱ. 読影・症例研究編 02

〈スライド〉
炭鉱夫じん肺の症例研究（2症例）



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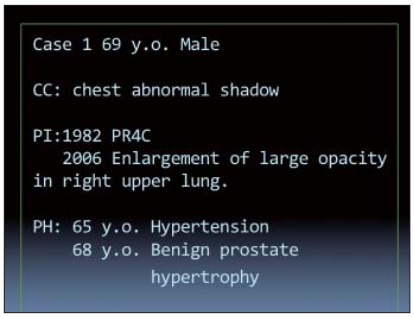

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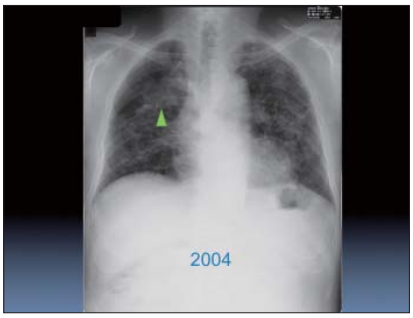

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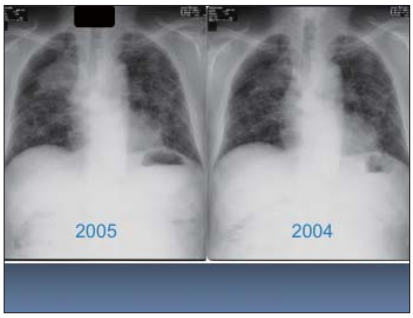

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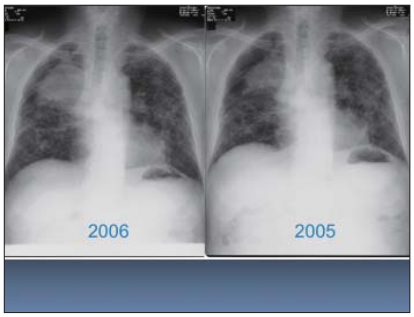

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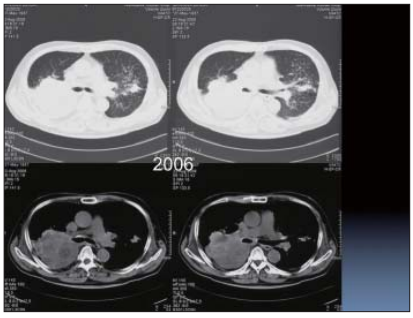

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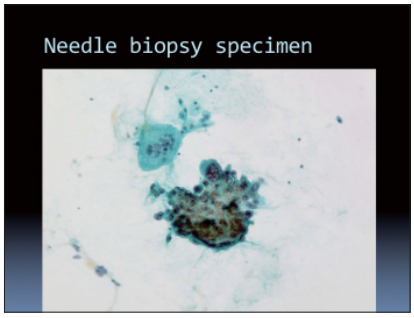

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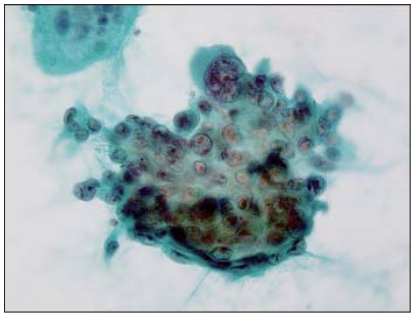
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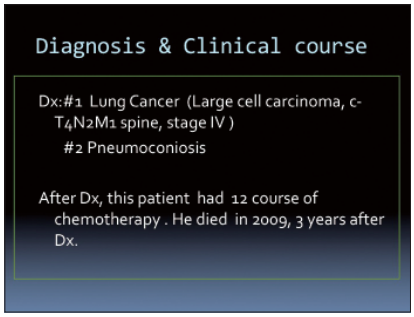

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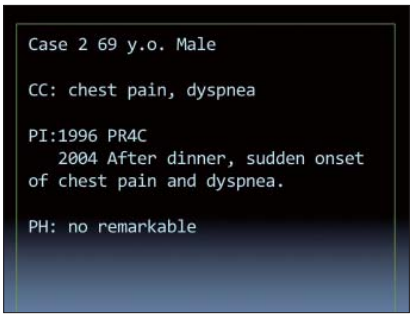

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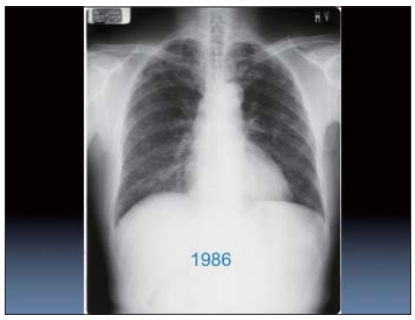

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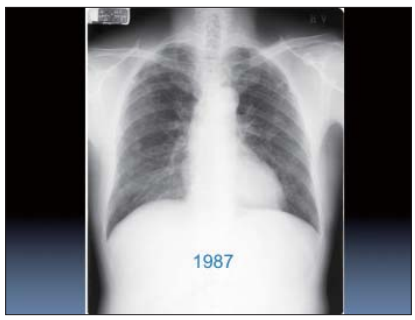

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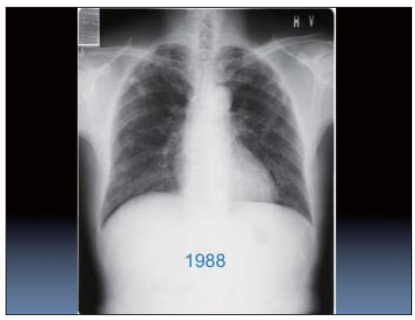

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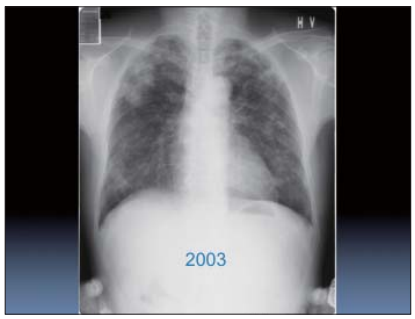

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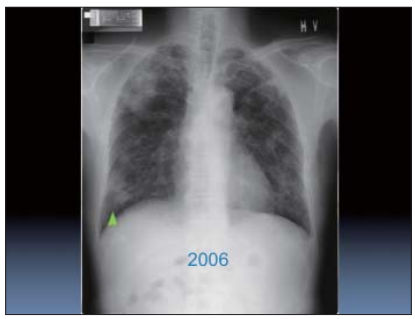

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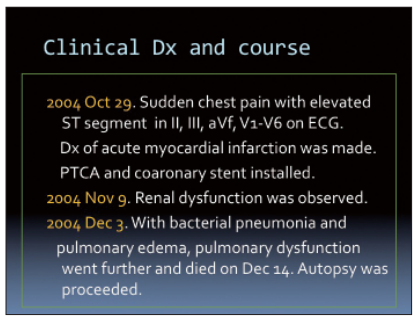

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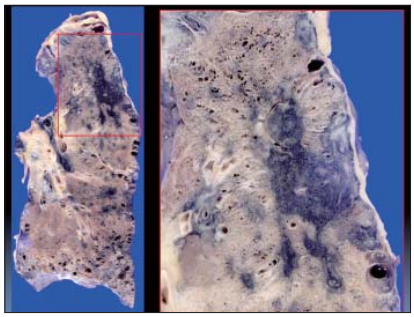

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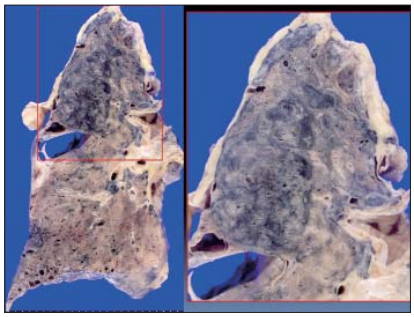

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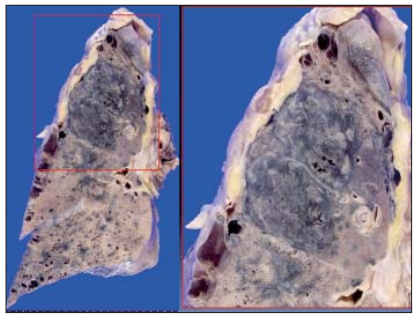

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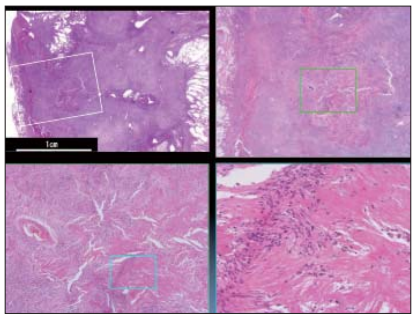

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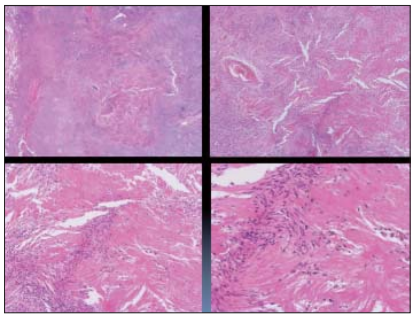

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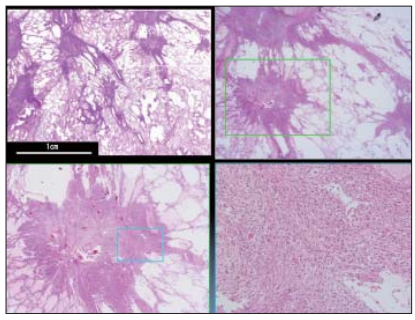

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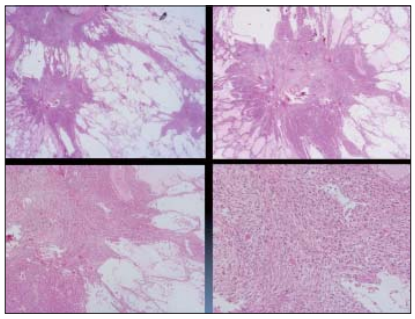

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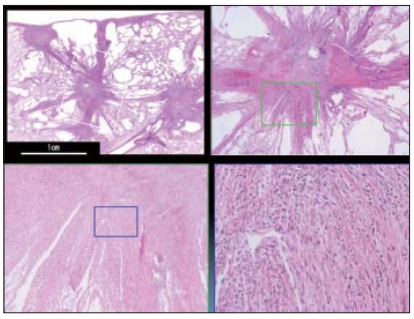

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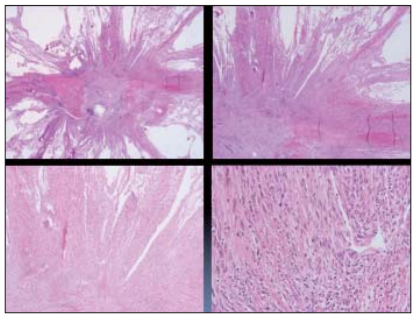

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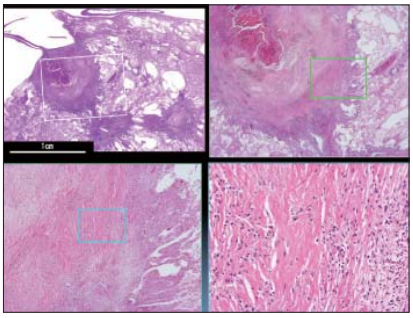

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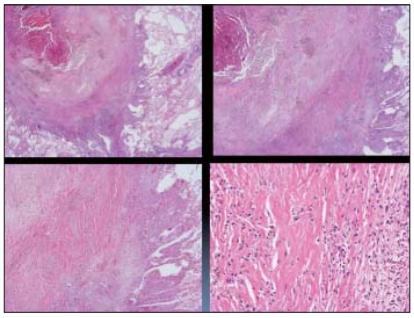

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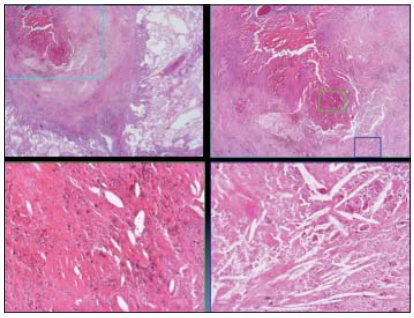

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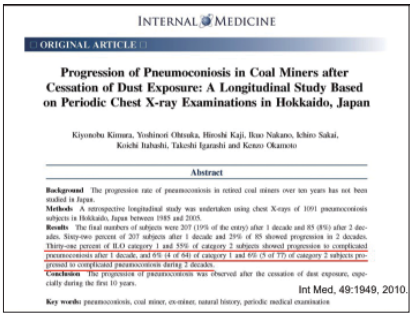

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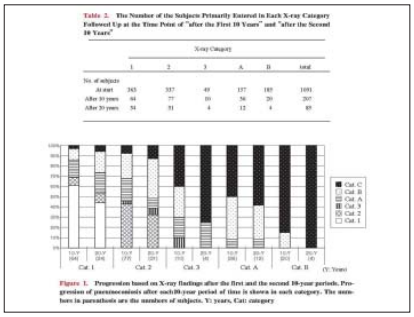

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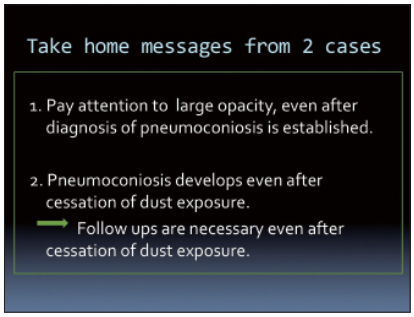

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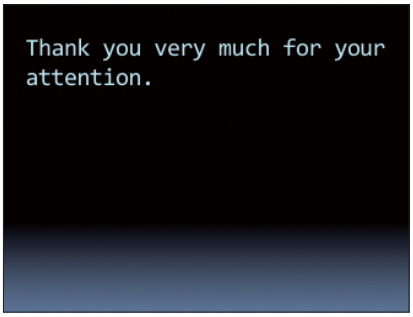
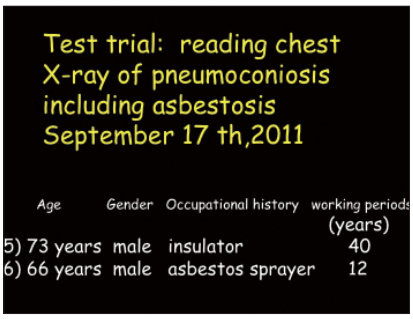


2-34

Ⅱ. 読影・症例研究編 04

〈スライド〉
石綿肺を含むじん肺の胸部X線フィルム読影

4-01



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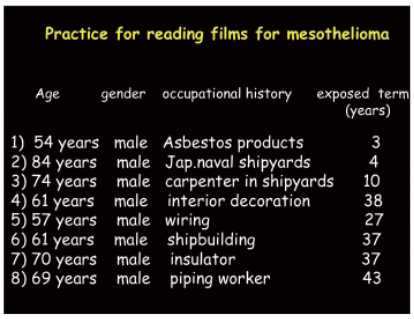

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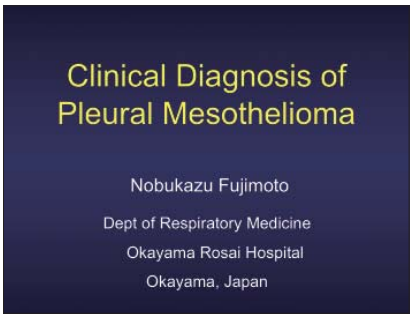
〈スライド(抄)〉
石綿関連疾患の症例研究



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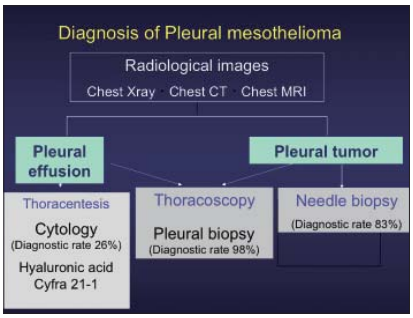

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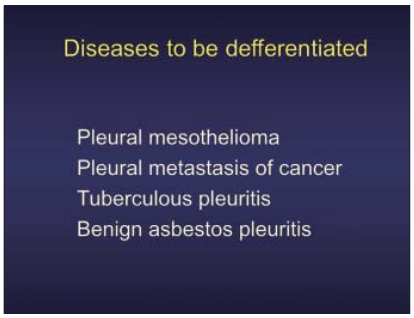

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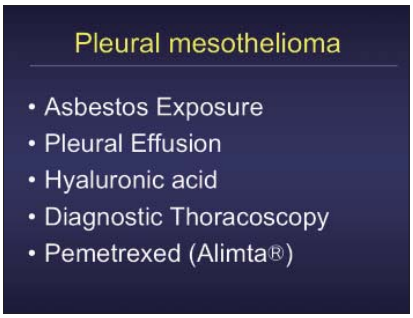

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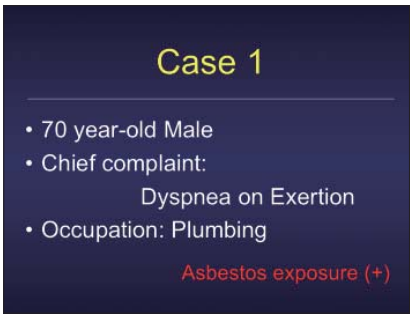

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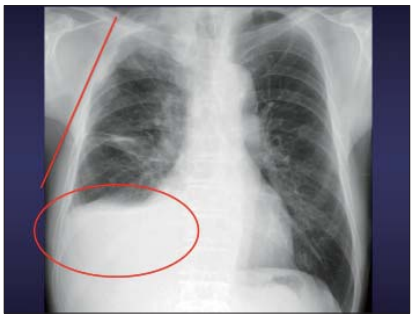

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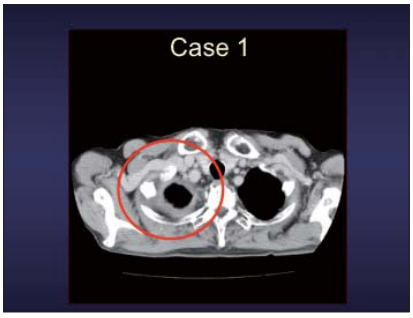

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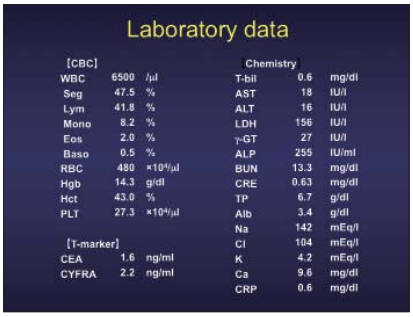
5-09



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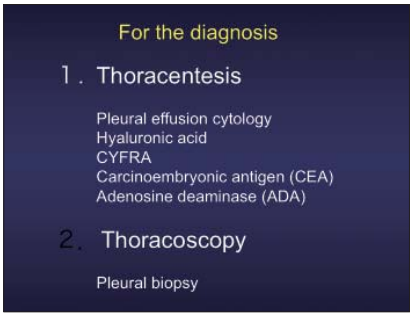

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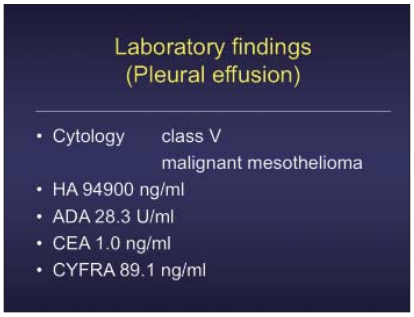

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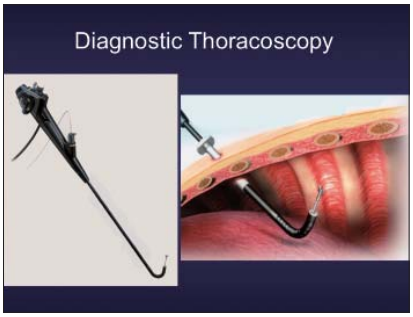

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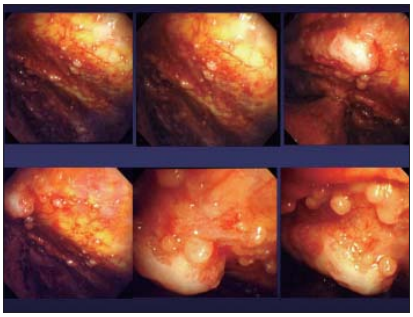

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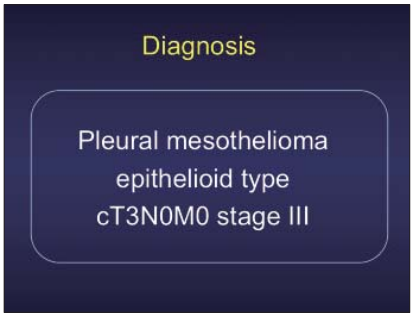

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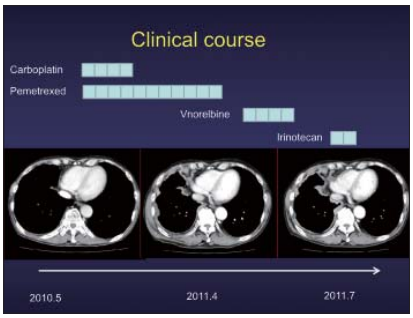

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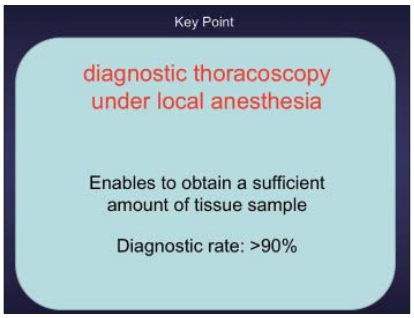

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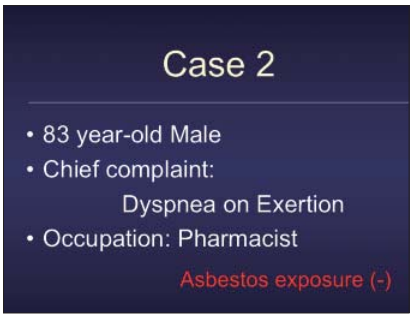

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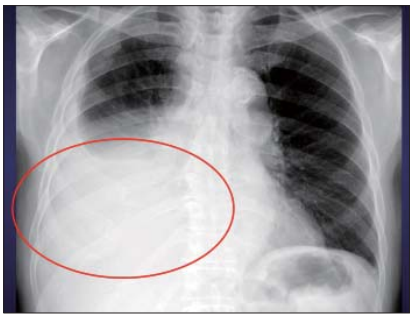

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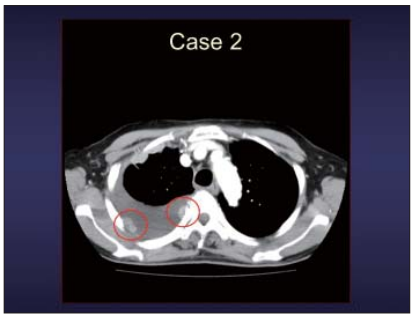

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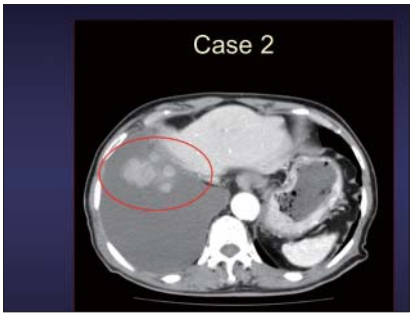

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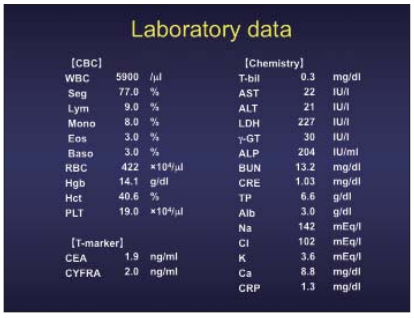

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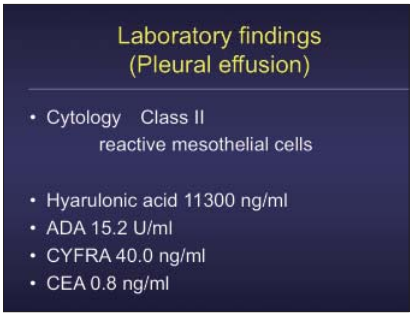

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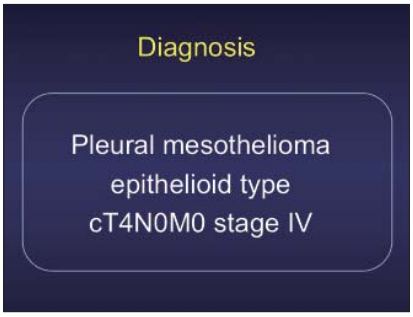

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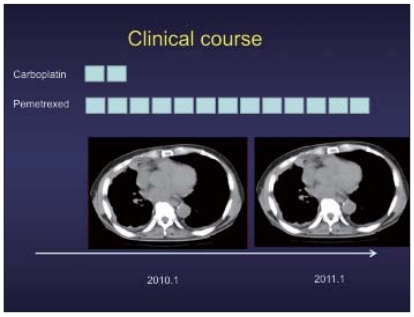

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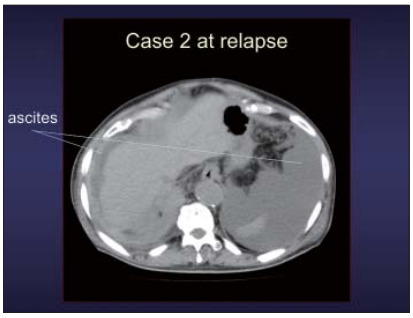

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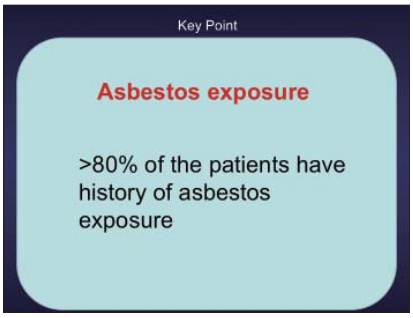

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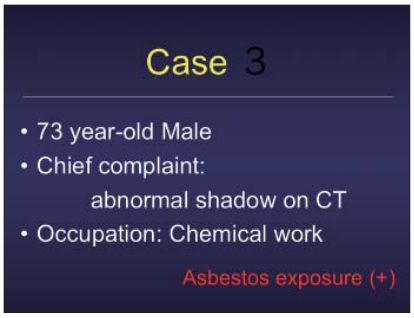

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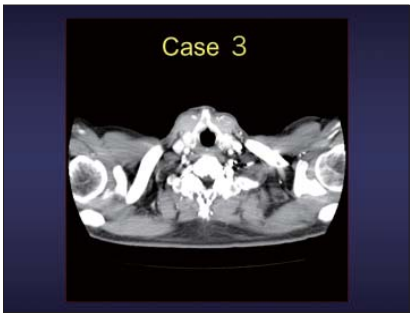

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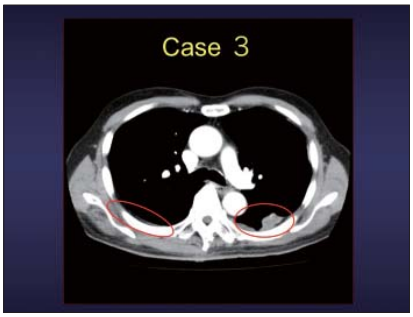

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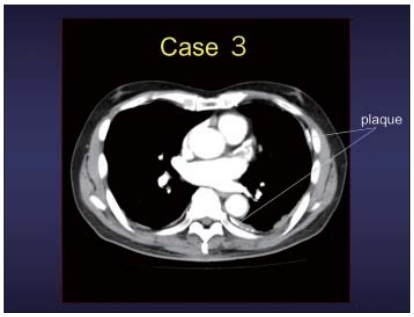

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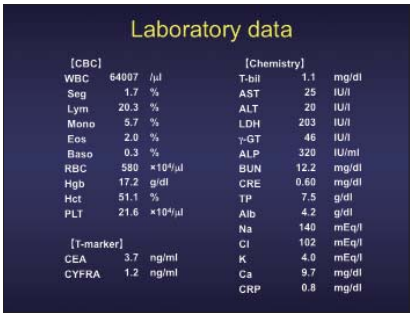

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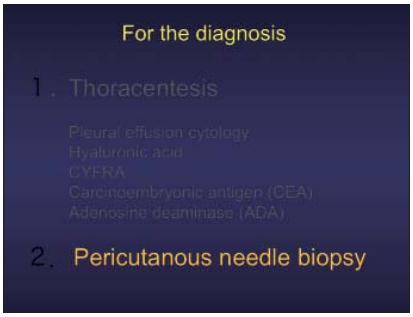

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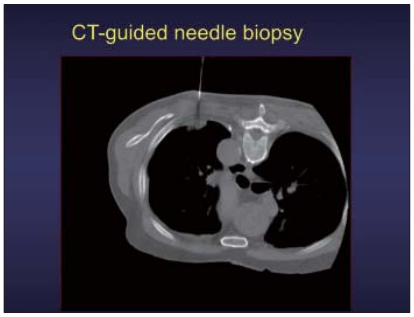

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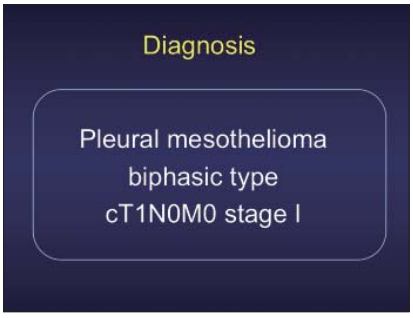

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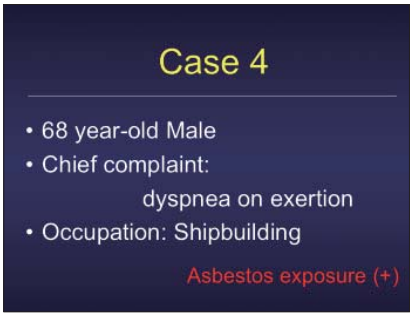

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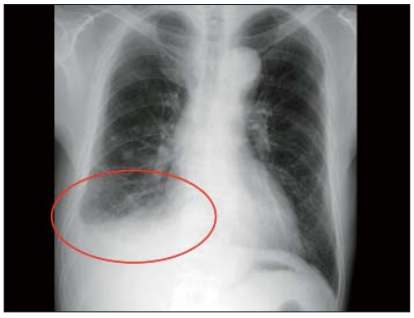

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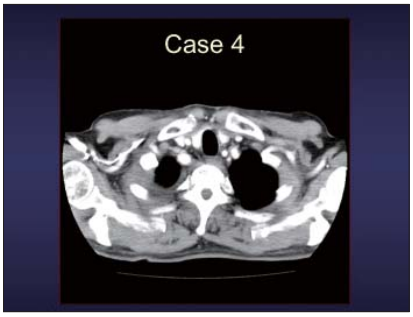

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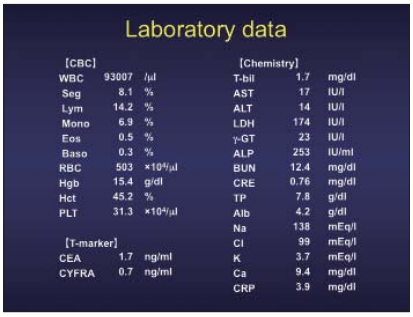

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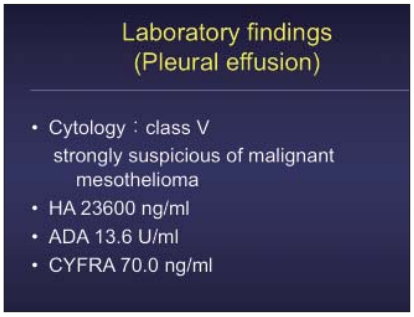

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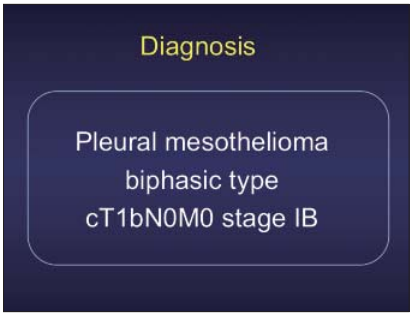

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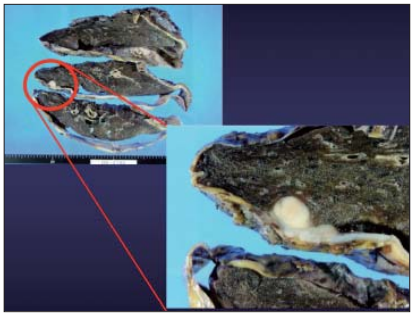

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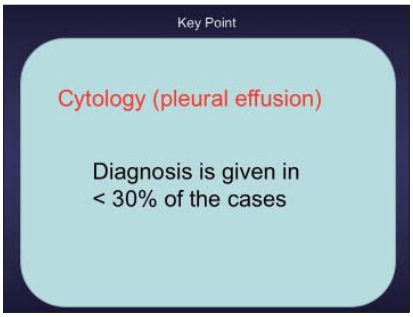

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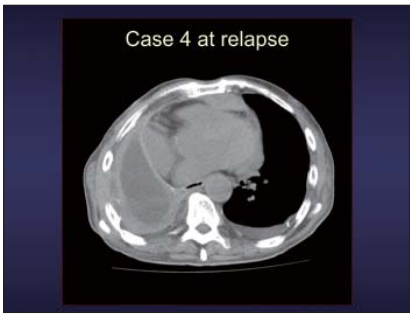

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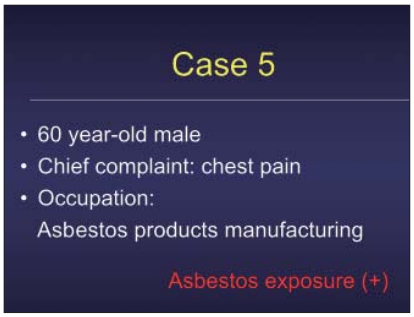

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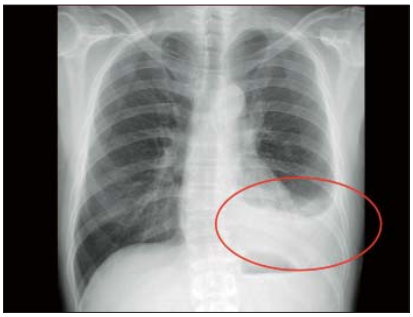

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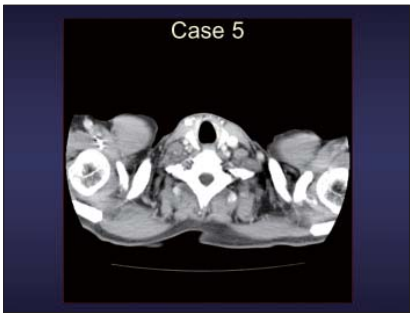

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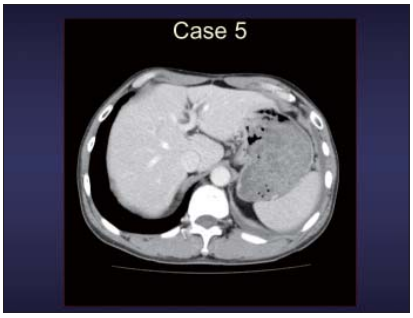

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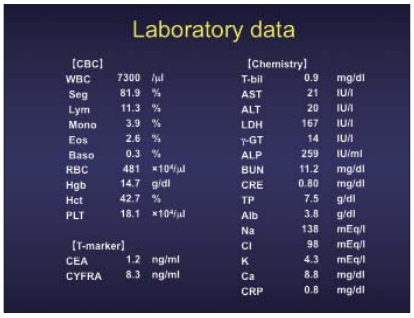

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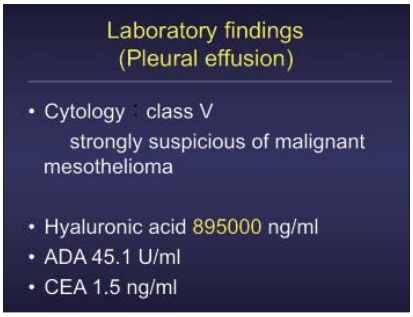

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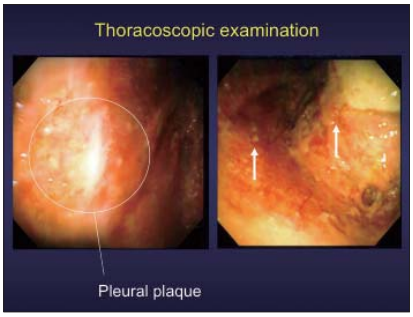

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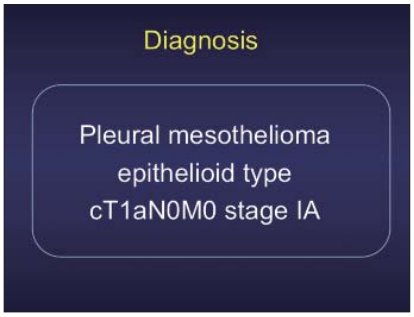

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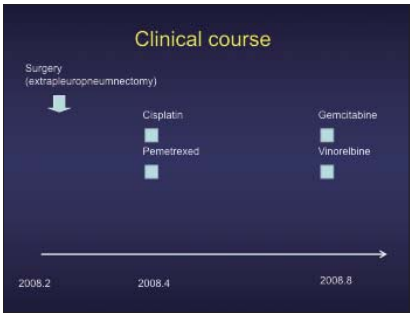

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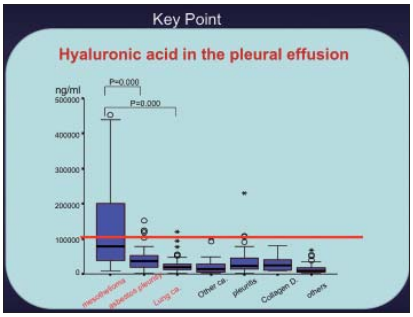

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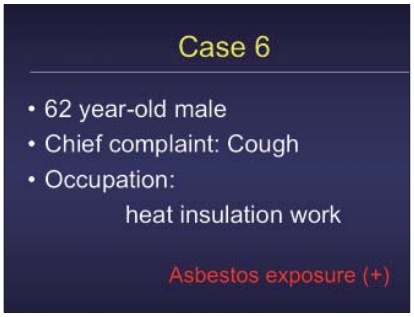

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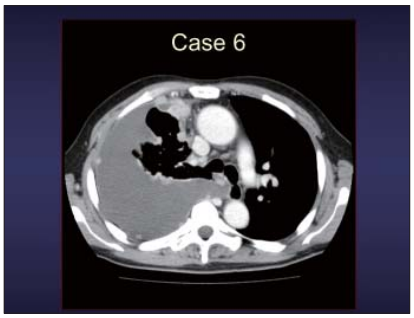

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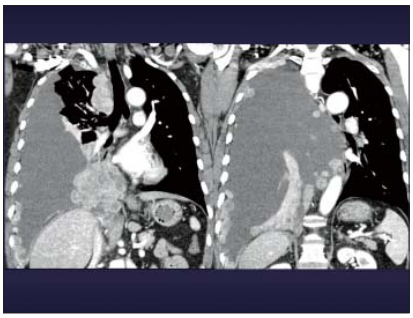

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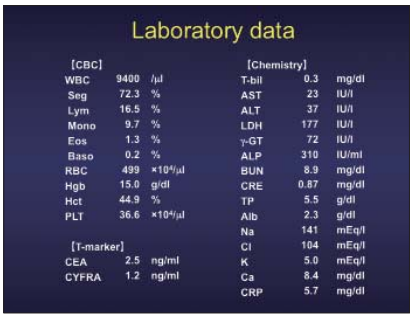

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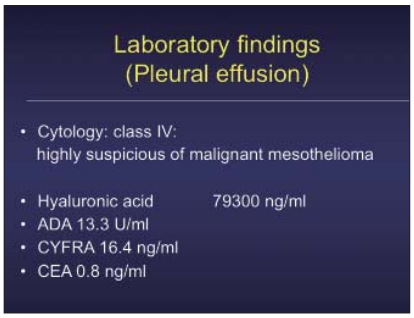

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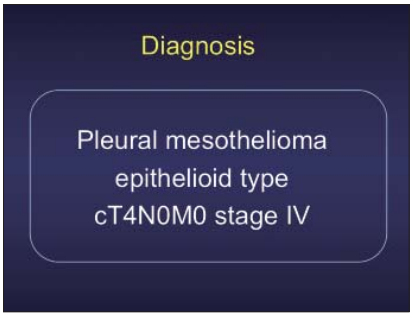

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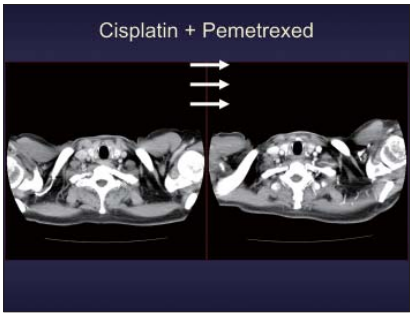

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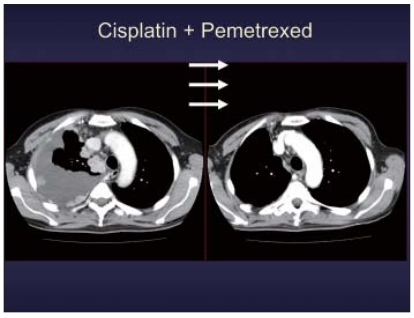

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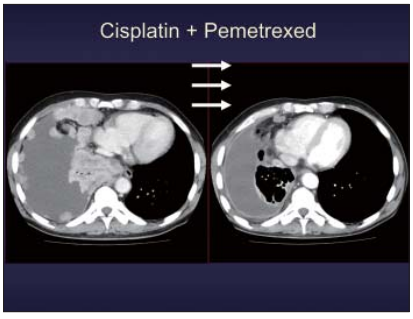

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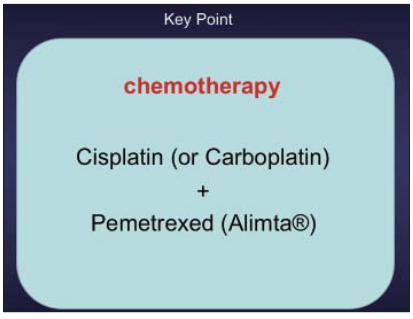

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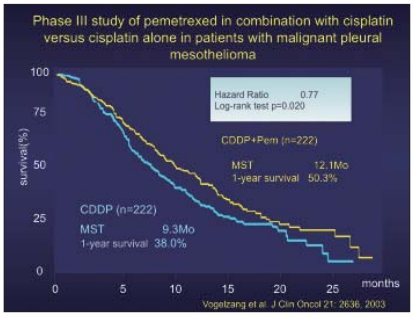

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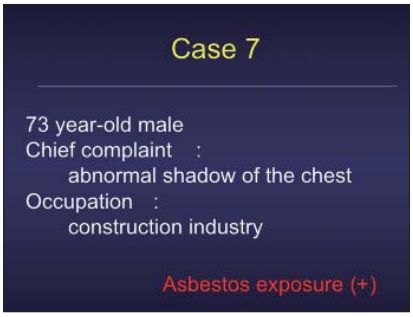

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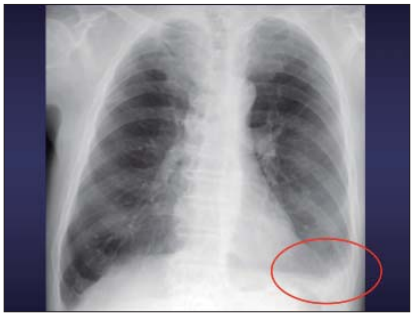

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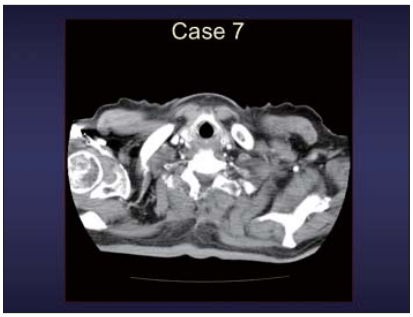

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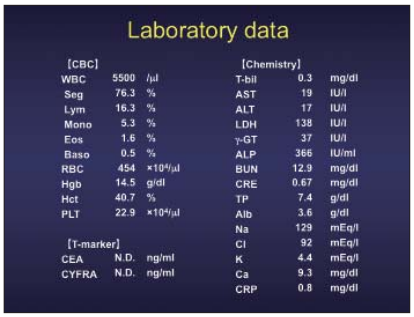

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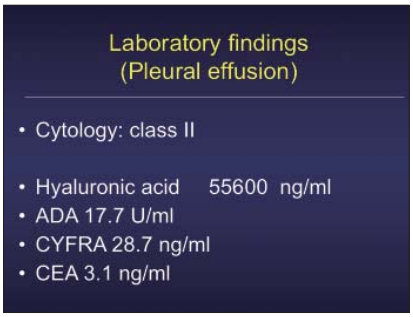

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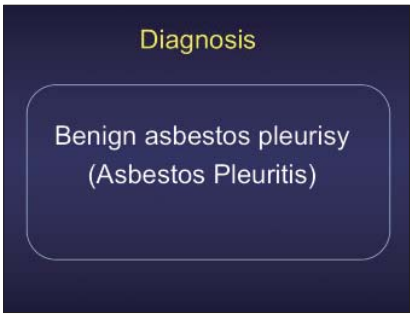

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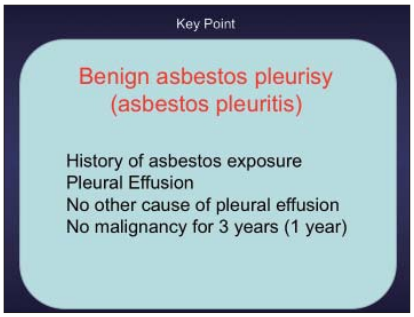

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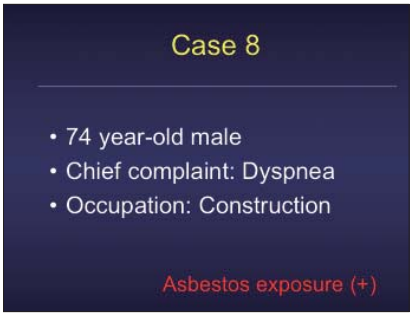

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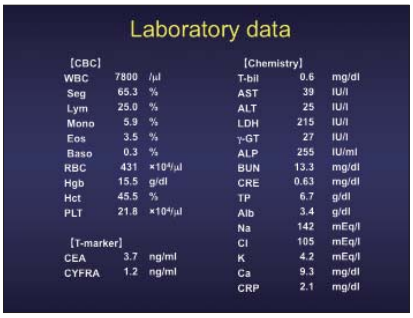

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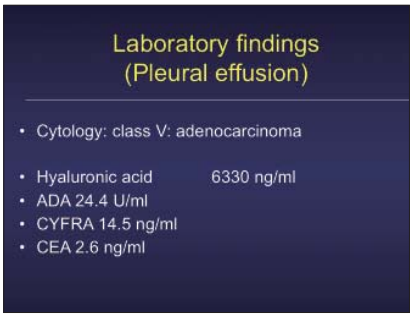

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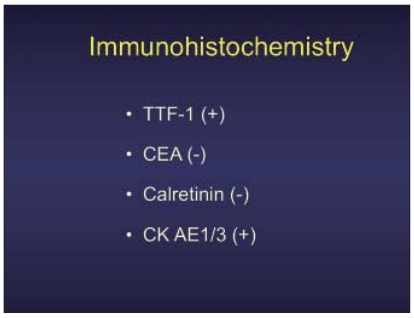

5-87

Diagnosis

Adenocarcinoma of the lung
(asbestos related lung cancer)

5-88

Immunohistochemical analysis for the differentiation of mesothelioma

	Mesothelioma (epithelioid)	Adenocarcinoma of the lung
Calretinin	100	8
Cytokeratin 5/6	100	2
WT1	93	0
D2-40	96	27
Mesothelin	100	38
N-cadhelin	73	30
MOC-31	8	100
E-cadhelin	40	88
TTF-1	0	74
CEA	0	88
Leu-M1(CD15)	0	72
Ber-EP4	18	100
EMA	93	100
Vimentin	55	38

(%)

Ordones NG and Kushitani

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Systemic chemotherapy

- Carboplatin
- Pemetrexed
- Bevacitumab

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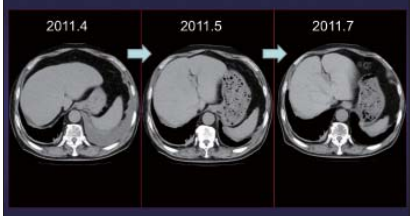

5-91

Summary

5-92

Diagnostic procedure for pleural mesothelioma

Chest x-ray · Chest CT · (Chest MRI)

effusion — **tumorous thickening**

Pleural tap
cytology
(26%)

Thoracoscopy
protrude thickening
Pleural biopsy
(98%)

CT guided needle biopsy
(83%)

5-93

Pleural mesothelioma

- Asbestos Exposure
- Pleural Effusion
- Hyaluronic acid
- Diagnostic Thoracoscopy
- Pemetrexed (Alimta®)

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Thank you for your attention.

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