

115 年奇美醫院胸腔內科臨床病例討論會

- 1 時間： 115 年 09 月 01 日 PM: 4:00-5:00
- 2 課程活動題目： Sarcoidosis in CXR
- 3 主講人：柯獻欽
- 4 地點： 奇美醫學中心 10 樓空橋討論室
- 5 聯絡人：黎安騏 (06-2812811 #57132)
- 6 摘要：

Sarcoidosis 在 CXR 上的典型特徵是 bilateral symmetric hilar or/and paratracheal LAPs, "potato shape" 或 "耳垂狀"。

臨床上依 CXR 的表現分成 4 個 stage:

Stage I: bilateral hilar LAPs

Stage II: bilateral LAPs + lung infiltrate

Stage III: Bilateral lung infiltrate without hilar LAPs

Stage IV: pulmonary fibrosis

Sarcoidosis 的 CXR 表現有時要和 lymphoma 作鑑別診斷。診斷要領是 sarcoidosis 的 LAP 和 hilar 之間的角度為銳角，而 lymphoma 為鈍角。另外 sarcoidosis 大部分是沒有症狀的，因此沒有症狀的 bilateral hilar LAP 也要考慮 sarcoidosis。診斷上最重要的還是要靠病理(non-caseating granuloma)，不過若 CXR 有典型的 "耳垂狀"，而病人又沒什麼症狀時，有時可以直接下診斷。

Sarcoidosis:

定義：Multisystem, widespread, non- caseating granuloma in more than one organ, no evidence of TB, Malignancy, fungal infection.

流行病學：女性為主, 20-45 y/o.

Compartmentalization: granuloma CD4 increase, CD3 decrease, peripheral CD4 decrease

臨床表現：Optic neuritis, chorioretinitis, skin (erysema nodosum), arrhythmia, cardiomyopathy, facial palsy, sicca syndrome, splenomegaly, anemia, polyarthritits, hypercalciuria, hypercalcemia, DI, Hypopituitarism, renal stone.

Lofhren's syndrome:

bilateral hilar LAP + erythema nodosum (tender reddish nodule) + fever + uveitis +polyarthritits.

Abrupt onset. -> acute sarcoidosis

Heerfordt's syndrome:

fever + parotid enlargement + facial palsy + uveitis + bilatera hilar LAP.

Widespread endobronchial nodules with cobblestone appearance

BAL: marked increase in the proportion of lymphocytes., dominant of CD4 T cell

Serum ACE elevated in 30-80 %, low specificity.

Pulmonary sarcoidosis: cough, SOB, hemoptysis, poor responsive to bronchodilator.

Treatment: steroid, MTX

Indication: symptomatic (stage II 以上) , 一般不用治療 (因為沒有症狀)

Steroid dose:

Systemic sarcoidosis

Prednisolone 40mg/day 2weeks → 30mg/day 2weeks → 25mg/day 2weeks → 20mg/day 2weeks → 15mg/day 6-8 month, taper 2.5mg/day every 2-4 weeks

Mucocutaneous sarcoidosis

Chloroquine: 500mg/day 2weeks → 250mg/day 5.5 mos