

花蓮慈濟醫院影像診療研討會

日期：2021 年 01 月 22 日

時間：08：00-09：00

地點：花蓮慈濟醫院大愛七樓 702 教室

時間	題目	主講人
08:00-09:00	個案討論	林怡青

Patient Information

- Name:張 X 瑋
- Age: 38 y/o
- Gender: male
- No alcohol, betal nut, cigarette
- Chief complaint: Productive cough for two weeks
- Admission: 2020/04/24

Past history

- Underlying disease: congenital VSD
- Surgery history : cardiac catheterization many years ago
- Allergy: nil
- Family history: father- hypertension

Clinical course

- 109/04/22
Productive cough with whitish sputum → yellow-greenish, tinges of blood and chill for 2 weeks
TOCC: lived with his parents at Hualien City worked with his parents as clothing vendor
- PE: throat:severe congestion.
lung: some rhonchi.
heart: SEM grade 4/6 in LLSB, radiate to RLBB with systolic thrills
Lab: leukocytosis , elevated CRP, normocytic anemia CXR
- 109/04/23

Chest OPD:

Thoracentesis for evaluation

Sputum for TB evaluation

amoxicillin 875mg & Clavulanic acid 125mg 1tab# Q12H PO

- 109/04/24

ER: screen for covid-19; Admission to 20 東

No fever, chills, dyspnea, rhinorrhea, nausea, chest pain, abdominal pain, and diarrhea.

weight loss of 10kg in the past year

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Echocardiogram [Impression]

- RVOT Vegetation
- Left to right shunt VSD perimembraneous, significant shunt with turbulence was noted
- Moderate pulmonary hypertension estimated PASP 70 mmHg
- Preserved LV systolic function
- LVH moderate to severe
- ->Impression: VSD perimembraneous complicated with infective endocarditis and moderate to severe pulmonary hypertension

TTE :

- perimembraneous type VSD with RVOT vegetation, compatible with infective endocarditis