



Legend:

CT: computed tomography	CVC: central venous catheter	CVVH: continuous veno-venous hemofiltration	DC: Dialysis catheter	LFV: left femoral vein
LIJV: left internal jugular vein	RJV: right internal jugular vein	RFV: right femoral vein	RSV: right subclavian vein	SVC: superior vena cava
TTE: transthoracic echocardiography	TEE: transesophageal echocardiography	VA-ECMO: veno-arterial extracorporeal membrane oxygenation		

- 1 Necrotizing pneumonia by *Pseudomonas aeruginosa*
- 2 Septic shock with multiorgan failure (cardiovascular, respiratory, renal, hepatic and hematologic).
- 3 Pulseless electrical activity cardiac arrest: returned to spontaneous circulation with subsequent cardiogenic shock and poor perfusion of distal limbs.
- 4 Stage IV sacral pressure ulcer
- 5 Methicillin-resistant *Staphylococcus aureus* bacteremia; Isolation of *Staphylococcus epidermidis* from the tip of the internal jugular CVC
- 6 Cardiac failure after removal of mediastinal chest drains
- 7 *Pseudomonas aeruginosa* bacteremia with septic shock

- A TTE: "Preserved right ventricular systolic function (RVSF), left ventricular ejection fraction (LVEF) <10%.
- B Chest CT: "right pneumothorax and emphysematous bullae on upper lobe; right and left moderate pleural effusions". Right thoracic empyema confirmed by chest echo guided aspiration.
- C TTE: "Preserved RVSF, LVEF 55%".
- D Chest CT: "irregular mass at the tip of the CVC, measuring ~55x7mm and extending from the superior vena cava to the right atrium".
- E TEE: "new ~60x21mm mass in right atrium".
- F TEE: "similar to previous exam"
- G TEE: "similar to previous exam"
- H Chest CT: "calcified CRAT of 80x16mm".
- i Common and superficial right femoral artery raffia by **iatrogenic pseudoaneurysm**.
- ii Insertion of two **right chest tube drains**: an apical for pneumothorax, removed on 22-12-2016; and a basal for empyema, until 28-12-2016.
- iii **Left chest drainage** of pleural effusion for 28 days
- iv **Percutaneous tracheostomy**
- v **Infracondilian amputation** of left inferior limb and **distal trans-metacarpal amputation** of left hand.
- vi **Infracondilian amputation** of right inferior limb and **proximal interphalangeal amputation** of all right hand fingers.
- vii **Right posterolateral thoracotomy**: incomplete decortication, due to technical difficulties which led to a successful ventilation of the lower lobe, but leaving behind significant fibrosis of upper and middle lobes.
- viii **Thrombolysis with alteplase**
- ix **Extracorporeal circulating cardiac surgery**
- x **Cranioplasty**