DVT in Tonsil Sarcoma


Mr. B, 64 years old, felt that his left leg was swollen after traveling from Europe by plane. Ten days later he felt difficulty in swallowing. He went to a doctor and he was told that there was a protuberance in his tonsil. Subsequently, he was referred to an ENT specialist (otolaryngologist) in Jakarta where he underwent CT scan of neck region and tonsil biopsy. The CT scan result indicated a mass in the left tonsil and lymph node enlargement of left cervical region, suspect of left tonsil tumor T2N1Mx. In addition, the result of histopathology and immunochemistry examination indicated a tonsil sarcoma. The chest X-ray showed multiple nodular lesions at the right lung which was suspected as lung metastasis. This result was supported by thorax CT scan result which also showed multiple metastasis nodules at lungs, right pleural effusion and left pleura thickening.

Moreover, the size of swollen left was getting bigger. The patient underwent abdominal CT scan and the result revealed multiple metastasis nodule at the base.
of left and right lungs, anterior abdominal wall and right perirectal fat layer, lymph node enlargement at para-aortic and left inguinal region. USG Doppler examination was performed for his left leg and it revealed deep vein thrombosis in popliteal vein, as well as the left anterior-posterior tibial veins and lymphedema of the left leg.

This patient was diagnosed with tonsil sarcoma and lungs metastasis. Furthermore, he had chemotherapy and anticoagulant treatment. The first chemotherapy gave improvement, i.e. the size of protuberance in his neck and leg has become smaller and the DVT has been improved.