

Pleurodesis or indwelling pleural catheter for management of malignant pleural effusion: evidence based case report / Alexander Randy Angiatno, Krishna Adi Wibisana, Widayat Djoko Santoso

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Abstrak

ABSTRAK

Pleural effusion is a condition when there is an accumulation of fluid in pleural space. The condition may manifest in breathing impairment by limiting lung expansion space. Pleural effusion is suffered by more than 1.5 million people per year in America. A study held in Persahabatan Hospital between 2010-2011 found 119 cases of pleural effusion, 42,8% was malignant pleural effusion. Pleural malignancy is the most common indication for thoracocentesis, thus must be considered in massive pleural effusion (MPE). Therapy for MPE is palliative with the goal being relief of dyspnea. Treatment option for MPA are determined by several factors: symptoms and performance status of the patient, the primary tumor type and its response to systematic therapy, and degree of lung re-expansion following pleural fluid removal. In this case, we will present a case of malignant pleural effusion as an illustration in searching of evidence in comparing between pleurodesis and indwelling pleural catheter in management of malignant pleural effusion.