

PERBANDINGAN GAMBARAN MIKROSKOPIS CAIRAN EFUSI PLEURA TANPA FIKSASI ALKOHOL 70% DAN MENGGUNAKAN ALKOHOL 70% DENGAN VARIASI WAKTU

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ABSTRAK

Fiksasi merupakan usaha untuk mempertahankan komponen sel agar tidak mudah rusak dan tidak mengalami perubahan,. Tujuan penelitian mengetahui gambaran mikroskopis cairan efusi pleura tanpa fiksasi alkohol 70% dan fiksasi alkohol 70% dengan waktu yang berbeda. Jenis penelitian secara deskriptif *cross sentional* metode apusan tanpa fiksasi alkohol 70% dan fiksasi alkohol 70% dengan variasi waktu 24 jam, 48 jam, 72 jam dan 96 jam dengan pegecatan papanicolou. Hasil penelitian menunjukan bahwa sampel cairan efusi pleura tanpa fiksasi alkohol secara langsung di dapatkan sebanyak 5 (100%) skor 4 menunjukan hasil yang sangat jelas sedangkan dengan menggunakan fiksasi alkohol 70% penyimpanan 24 jam sebanyak 3 (80%) skor 4menunjukan hasil sangat jelas, disimpan 48 jam skor 4 sangat jelas didapatkan sediaan sebanyak 3 (60%).

Kata kunci : Fiksasi, Alkohol 70%, mikroskopis preparat.

COMPARISON OF MICROSCOPICAL DESCRIPTION OF EFFUSION PLEURA FLUID WITHOUT 70% ALCOHOL FICTION AND USE70% ALCOHOL WITH TIME VARIATION

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ABSTRACT

Fixation is an attempt to maintain cell components so that they are not easily damaged and charred. The aim of the study was to determine pleural efficacy without 70% alcohol fixation and 70% alcohol fixation at variation times. Descriptive cross-sectional research type of smear method without alcohol fixation 70% and alcohol fixation 70% with a time variation of 24 hours, 48 hours, 72 hours and 96 hours with the Papanicolou stain. The results showed that samples of effusion fluid without direct alcohol fixation were obtained as much as 5 (100%) scores of 4 results that were completely very clear using 70% alcohol fixation for 24 hours storage as much as 3 (80%) score 4 showed very clear results, stored 48 hours a score of 4 is very clear, there are 3 preparations (60%)

Keywords: fixation, alcohol 70%, microscopic preparations.