

# Prediksi keganasan ovarium dari skor gatot purwoto gp risk malignancy index rmi dan potong beku pada usia muda = Prediction of ovarian malignancy by gatot purwoto score rmi and frozen section in young age

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## Abstrak

Penelitian ini bertujuan untuk mengetahui nilai diagnostik skor prabedah dan prosedur potong beku pada pasien keganasan ovarium usia muda. Selain itu, penelitian ini ingin mengetahui apakah potong beku menambah nilai prediksi skor prabedah. Penelitian ini dilakukan dengan mengambil data RSCM dari tahun 2006-2010. Kami mendapatkan 437 pasien dengan diagnosis neoplasma ovarium kistik. Seratus lima puluh tujuh pasien berusia dibawah 40 tahun. Nilai diagnostik skor GP pada keganasan usia muda berturut turut sensitivitas, spesifitas, nilai duga positif, nilai duga negatif, dan akurasi sebesar 77%, 49%, 61%, 68%, dan 63% sedangkan RMI memberikan nilai diagnostik berturut-turut 69%, 49%, 58%, 45%, dan 59%, hasil yang tidak jauh berbeda dengan skor GP. Nilai diagnostik prosedur potong beku pada keganasan usia muda dengan skor GP >4 berturut turut sensitivitas, spesifitas, nilai duga positif, nilai duga negatif, dan akurasi sebesar 81.7%, 87.2% , 90.7%, 75.6%, dan 83%, sedangkan untuk RMI >200 nilai diagnostik berturut-turut adalah 81%, 87%, 89%, 77%, dan 83%. Potong beku menambah 6% dari prediksi prabedah skor GP dan 12% dari prediksi prabedah RMI.

.....The aim of this paper is to know the diagnostic value of scoring system that taken before surgery and frozen section in the young age patient suspected malignancy. Using that result, we can also know whether the frozen section give additional value to clinical scoring system or not. This research was undergone by using RSCM's medical record from 2006-2010. From 437 patients suspected ovarian malignancy, we took only 157 patients due to their age. Diagnostic value of GP score are 77%, 49%, 61%, 68%, 63%, while RMI are 69%, 49%, 58%, 45%, 59%, (sensitivity, spesifity, positive prediction value, negative predictive value, and accuracy respectively). Diagnostic value of frozen section in patient suspected malignancy using GP score >4 are 81.7%, 87.2%, 90.7%, 75.6%, 83%, while in patient with RMI > 200 are 81%, 87%, 89%, 77%, 83% (sensitivity, spesifity, positive prediction value, negative predictive value, and accuracy respectively). Frozen section only gave 6% additional value for GP score and 12% for RMI score.