

Hubungan radiografi proyeksi anteroposterior dengan anteroposterior-lateral pada artropati hemofilik lutut berdasarkan klasifikasi Arnold Hilgartner dan skor pettersson = Association and correlation of anteroposterior and anteroposterior lateral projection radiograph on hemophilic arthropathy of knee based on Arnold Hilgartner classification and pettersson scores

Jessica Dialetta Injo, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20447299&lokasi=lokal>

Abstrak

ABSTRAK

Latar belakang dan tujuan: Artropati hemofilik merupakan faktor utama peningkatan morbiditas dan besarnya biaya pengobatan penderita hemofilia. Radiografi berperan dalam mengevaluasi progresifitas kelainan dan efek terapi yang diberikan. Penelitian ini bertujuan untuk mengurangi jumlah proyeksi dalam evaluasi artropati hemofilik lutut sehingga dapat mengurangi radiasi yang diterima pasien, sesuai dengan prinsip "As Low As Reasonably Achievable". Metode: Uji korelatif dan asosiatif menggunakan desain potong lintang terhadap radiogram 100 lutut penderita hemofilia proyeksi AP dan lateral dengan klasifikasi Arnold Hilgartner dan skor Pettersson. Hasil: Terdapat hubungan evaluasi artropati hemofilik lutut menggunakan klasifikasi Arnold Hilgartner antara proyeksi AP dan AP-lateral dengan $R=0,52$ dan nilai $p < 0,001$.

ABSTRACT

Background and Objective Hemophilic arthropathy is a main factor which causes morbidity and is the main contributor to cost in treatment of hemophilic patients. Radiography has a role in monitoring progressivity and follow up after therapy. The aim of the study is to reduce radiography projections to minimize radiation dose in accordance with "As Low As Reasonably Achievable" radiology principle. Methods A correlative and associative research using cross sectional study from 100 knees radiogram of hemophilic arthropathy patients in AP and lateral view using Arnold Hilgartner and Petterson score. Results There is association between assessment of hemophilic arthropathy using Arnold Hilgartner in AP view and Ap lateral view with $R 0.52$ and $p 0.001$. There is positive correlation between evaluation of hemophilic arthropathy using Petterson score using AP and AP lateral with $R 0.58$ and $p < 0.001$.