

# MIDTERM OUTCOMES OF PATELLOFEMORAL ARTHROPLASTY

B. Martínez-Sañudo, S. Fornell, M. Vallejo, G. Domeca  
Virgen del Rocío Hospital

The **purpose** of this study is the evaluation of the patellofemoral arthroplasty (PFA) survival and clinical and radiological outcomes in our institution

VAS, WOMAC, OKS, Kujala score, BMI

## MATERIALS & METHODS

Retrospective cases of PFA

2006



2018

Kaplan-Meier survival analysis at 10 years

Radiological assessment including X-ray and CT-scan

## CONCLUSIONS

- ★ PFA could be a possibility in the joint preservation surgery
- ★ BMI > 30 seems to be a negative predictor
- ★ Radiologic parameters of the implant are not correlated with clinical/functional outcomes

21 cases

Kujala: 70,09  
OKS: 35,54

Survival at 10 years: 73,5%

VAS score: improved significantly (p < 0,001)

Revision rate: 6/21 (28,57%)  
Main cause (50%): Progression of the osteoarthritis

Positive Correlation: BMI-post operative VAS & BMI-WOMAC pain

## RESULTS