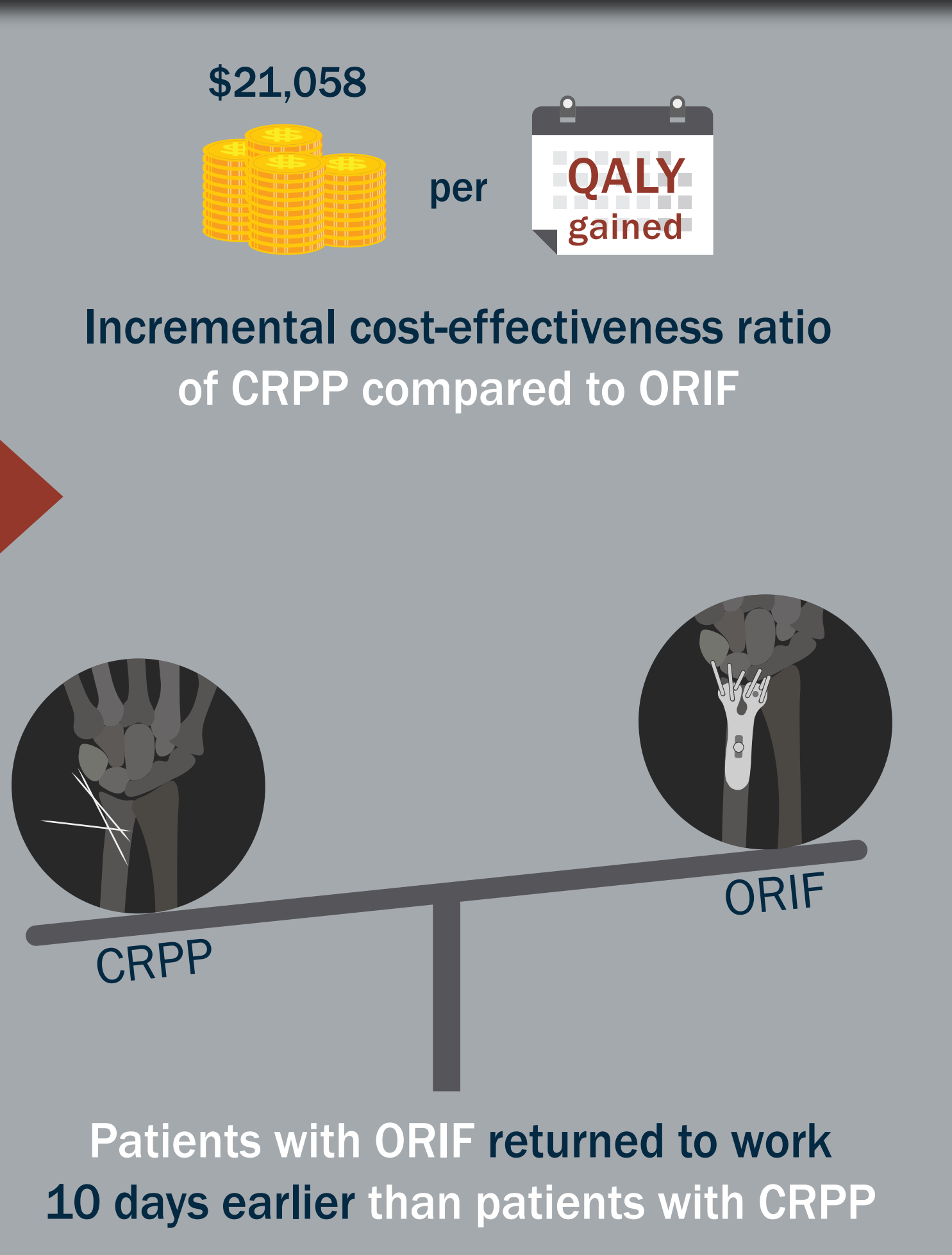


# Which is the most cost-effective fixation method for patients undergoing surgery for distal radial fracture?

## Cost-effectiveness analyses using Markov state-transition model

	Quality-adjusted life years (QALYs)	Total cost (\$)	
		Societal perspective	Healthcare sector perspective
Closed reduction and percutaneous pinning (CRPP)	13.99	19,435	8,735
Open reduction and internal fixation (ORIF)	13.98	19,214	11,125
External fixation (EF)	13.89	22,295	11,759



CRPP or ORIF?

CRPP and ORIF offer similar value, so patients and surgeons should opt for a **shared decision-making** approach for surgery for distal radial fracture.

The Cost-Effectiveness of Surgical Fixation of Distal Radial Fractures:  
A Computer Model-Based Evaluation of Three Operative Modalities

Rajan et al. (2018) DOI: 10.2106/JBJS.17.00181

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