

SUN-489: Opioid Epidemic and Related Endocrine Effects: A Systematic Review and Meta-analysis

Amir Zamanipour Najafabadi. *Leiden University Medical Center*

Mees Bruin, BSc¹, Friso de Vries, PhD¹, Olaf Dekkers, MD², Jan W. Schoones, MA³, Wouter R. van Furth, MD⁴, Alberto M. Pereira, MD¹, Niki Karavitaki, MD⁵, Nienke R. Biermasz, MD¹