

Systematic Review of Heel Puncture-Related Osteomyelitis of the Calcaneus in Newborn Infants

Vidmi Taolam Martin^{1,2*}, MD, PhD, Ismail Ahmed Dhagey.¹, BSc, Hangtian Wu^{1,2}, MD, PhD, Shaoyong Xu^{1,2}, MD, PhD, Bin Yu^{1,2*}, MD, PhD.

1. Division of Orthopaedic Surgery, Department of Orthopaedics, Nanfang Hospital, Southern Medical University, Guangzhou 510515, China.
2. Guangdong Provincial Key Laboratory of Bone and Cartilage Regenerative Medicine, Nanfang Hospital, Southern Medical University, Guangzhou 510515, China.

*Corresponding Authors at: Division of Orthopaedic Surgery, Department of Orthopaedics, Nanfang Hospital, Southern Medical University, Guangzhou 510515, China. Guangdong Provincial Key Laboratory of Bone and Cartilage Regenerative Medicine, Nanfang Hospital, Southern Medical University, Guangzhou 510515, China.

E-mail addresses: yubinol@163.com (B. Yu), martin.smu@foxmail.com (VT. Martin).

Table S1. The National Institutes of Health (NIH) quality assessment tool for case reports/case reports

Author	Country	1**	2	3	4	5	6**	7**	8	9	AHRQ standards
Lilien ⁴ , 1976	USA	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Canale ⁵ , 1981	USA	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Goldberg ⁶ , 1981	Israel	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Borris ⁷ , 1986	Denmark	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Gjurić ⁸ , 1992	Croatia	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Abril ⁹ , 1999	Spain	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Yüksel ¹⁰ , 2007	Turkey	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Yes	Not Applicable	Yes	Fair
Tural ¹¹ , 2016	Turkey	Yes	Yes	Not Applicable	Not Applicable	Yes	Not Applicable	Not Reported	Not Applicable	Yes	Poor

Abbreviation: AHRQ, Agency for Healthcare Research and Quality; USA, The United States of America.

Major Components : 1. Was the study question or objective clearly stated? 2. Was the study population clearly and fully described, including a case definition? 3. Were the cases consecutive? 4. Were the subjects comparable? 5. Was the intervention clearly described? 6. Were the outcome measures clearly defined, valid, reliable, and implemented consistently across all study participants? 7. Was the length of follow-up adequate? 8. Were the statistical methods well-described? 9. Were the results well-described?

**Agency for Healthcare Research and Quality (AHRQ) standards.