

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Suspected Osteomyelitis of the Foot in Patients with**  
**Diabetes Mellitus**

Literature Search Performed on: 12/22/2017

Beginning Date: January 2016

End Date: November 2017

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

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**Search Strategy**

- 1 exp foot/ or exp foot bones/ (65009)
- 2 diabetes mellitus/ or diabetes mellitus, experimental/ or diabetes mellitus, type 1/ or diabetes mellitus, type 2/ (336174)
- 3 1 and 2 (1093)
- 4 Arthropathy, Neurogenic/ or Osteitis/ or Osteomyelitis/ or Gangrene/ (34253)
- 5 3 and 4 (128)
- 6 Foot Ulcer/ and 2 (232)
- 7 Gas Gangrene/ and (1 or 2) (57)
- 8 Diabetic Neuropathies/ and (Osteitis/ or Osteomyelitis/ or exp foot/ or exp foot bones/) (823)
- 9 Diabetic Foot/ (8006)
- 10 5 or 6 or 7 or 8 or 9 (8852)
- 11 exp Diagnostic Imaging/ (2652166)
- 12 10 and 11 (931)
- 13 limit 12 to (abstracts and english language and humans and yr="2016-Current") (53)
- 14 limit 13 to case reports (7)
- 15 13 not 14 (46)
- 16 remove duplicates from 15 (34)
- 17 limit 16 to "all child (0 to 18 years)" (0)
- 18 16 not 17 (34)

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Literature Search Performed on: 05/09/2017

Beginning Date: January 1998

End Date: April 2017

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

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**Search Strategy**

- 1 exp foot/ or exp foot bones/ (59968)
- 2 diabetes mellitus/ or diabetes mellitus, experimental/ or diabetes mellitus, type 1/ or diabetes mellitus, type 2/ (296351)
- 3 1 and 2 (980)
- 4 Arthropathy, Neurogenic/ or Osteitis/ or Osteomyelitis/ or Gangrene/ (32129)
- 5 3 and 4 (119)
- 6 Foot Ulcer/ and 2 (208)
- 7 Gas Gangrene/ and (1 or 2) (53)
- 8 Diabetic Neuropathies/ and (Osteitis/ or Osteomyelitis/ or exp foot/ or exp foot bones/) (751)
- 9 Diabetic Foot/ (7296)
- 10 5 or 6 or 7 or 8 or 9 (8064)
- 11 exp Diagnostic Imaging/ (2369421)
- 12 10 and 11 (846)
- 13 limit 12 to (abstracts and english language and humans and yr="1998-Current") (472)
- 14 limit 13 to case reports (61)
- 15 13 not 14 (411)
- 16 remove duplicates from 15 (387)

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17 limit 16 to "all child (0 to 18 years)" (11)

18 16 not 17 (376)

**Summary**

Source	#Unique Refs	#Retained Refs
Old bibliography	33	18
Literature Search(es)	379	9
Author Added	53	26
Supporting Docs	2	2
Total		55

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.