**Additional file 1** Database search terms

Medline (768) and Embase (1046)

1 exp "FASCIITIS, PLANTAR"/

2 exp "HEEL SPUR"/

3 ((PLANTAR OR HEEL OR CALCANE\*) ADJ2 PAIN\*).ti,ab

4 ((baxter\* OR plantar OR calcaneal OR heel) ADJ2 neuropath\*).ti,ab

5 exp "DIAGNOSTIC IMAGING"/

6 (magnetic resonance imaging OR MR OR MRI).ti,ab

7 (radiograph\* OR x-ray\* OR roentgen\*).ti,ab

 8 (CT OR compute\* tomography\* OR tomography\*).ti,ab

9 (ultrasound\* OR ultrasonograph\* OR echograph\* OR sonograph\* OR elastograph\*).ti,ab

10 (scintigraph\* OR scintigram\* OR scintiscan\*).ti,ab

11 ((bone\* OR radionuclide OR radioisotope) ADJ2 (scan\* OR imag\*)).ti,ab

12 (1 OR 2 OR 3 OR 4 OR 5)

13 (6 OR 7 OR 8 OR 9 OR 10 OR 11)

14 (12 AND 13)

CINAHL (561)

1 (MM "Plantar Fasciitis")

2 (MM "Heel Spur")

3 (PLANTAR OR HEEL OR CALCANE\*) N2 PAIN\*

4 (baxter\* OR plantar OR calcaneal OR heel) N2 neuropath\*

5 (MH "Diagnostic Imaging+")

6 (magnetic resonance imaging OR MR OR MRI)

7 (radiograph\* OR x-ray\* OR roentgen\*)

8 (CT scan OR computed tomograph\* OR tomograph\*)

9 (ultrasound\* OR ultrasonograph\* OR echograph\* OR sonograph\* OR elastograph\*)

10 ((bone\* OR radionuclide OR radioisotope) N2 (scan\* OR imag\*))

11 (scintigraph\* OR scintigram\* OR scintiscan\*)

12 S1 OR S2 OR S3 OR S4

13 S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11

14 12 AND 13

Cochrane (362)

1. MeSH Fasciitis, Plantar exp

2. MeSH Heel Spur exp

3. (plantar fasci\*)

4. (plantar or heel or calcane\*) near pain\*

5. (baxter\* OR plantar OR calcaneal OR heel) near neuropath\*

6. MeSH Diagnostic imaging

7 (magnetic resonance imaging OR MR OR MRI)

8 (radiograph\* OR x-ray\* OR roentgen\*)

9 (CT scan OR computed tomograph\* OR tomograph\*)

10 (ultrasound\* OR ultrasonograph\* OR echograph\* OR sonograph\* OR elastograph\*)

11 ((bone\* OR radionuclide OR radioisotope) near (scan\* OR imag\*))

12 (scintigraph\* OR scintigram\* OR scintiscan\*)

13 1 or 2 or 3 or 4 or 5

14 6 or 7 or 8 or 9 or 10 or 11 or 12

15 13 AND 14

Sportsdiscus (382)

1 (DE Plantar fasciitis)

2 (DE Heel bone)

3 (PLANTAR OR HEEL OR CALCANE\*) N2 PAIN\*

4 (baxter\* OR plantar OR calcaneal OR heel) N2 neuropath\*

5 (DE diagnostic imaging) exp

6 (magnetic resonance imaging OR MR OR MRI)

7 (radiograph\* OR x-ray\* OR roentgen\*)

8 (CT scan OR computed tomograph\* OR tomograph\*)

9 (ultrasound\* OR ultrasonograph\* OR echograph\* OR sonograph\* OR elastograph\*)

10 ((bone\* OR radionuclide OR radioisotope) N2 (scan\* OR imag\*))

11 (scintigraph\* OR scintigram\* OR scintiscan\*)

12 S1 OR S2 OR S3 OR S4

13 S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11

14 12 AND 13