**Appendix:**

Table S1: Concordance and agreement between enthesis pain or history of enthesis pain and US abnormalities, per enthesis site.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Structural abnormalitiesNumber (%) | Absence of structural abnormalitiesNumber (%) | ConcordanceKappaPABAK | Power Doppler signalNumber (%) | Absence of power doppler signalNumber (%) | ConcordanceKappaPABAK  |
| **Achille** |  |  |  |  |  |  |
|  Right pain- Absence of right pain | 10 (30)58 (17) | 23 (70)291 (83) | 79%0.090.58 | 1 (3)7 (2) | 34 (97)360 (98) | 90%0.010.80 |
| -Left pain - Absence of left pain | 13 (43)53 (15) | 17 (57)302 (85) | 78%0.180.64 | 4 (13)5 (1) | 28 (87)364 (99) | 92%0.170.84 |
| - History of right pain  - Absence of history of right pain | 20 (34)48 (15) | 38 (66)276 (85) | 77%0.180.55 | 3 (5)5 (1) | 60 (95)334 (99) | 84%0.050.68 |
| - History of left pain- Absence of history of left pain | 19 (38)47 (14) | 31 (62)288 (86) | 74%0.210.59 | 5 (9)4 (1) | 48 (91)344 (99) | 87%0130.74 |
| **Proximal patellar ligament** |  |  |  |  |  |  |
|  Right pain- Absence of right pain | 4 (22)41 (11) | 14 (78)324 (89) | 86%0.060.71 | 1 (6)6 (2) | 17 (93)361 (98) | 94%0.060.88 |
| -Left pain - Absence of left pain | 2 (17)41 (11) | 10 (83)330 (89) | 87%0.020.73 | 0 (0)7 (2) | 13 (100)365 (98) | 95%-0.020.90 |
| - History of right pain  - Absence of history of right pain | 8 (18)37 (11) | 37 (82)301 (89) | 81%0.070.61 | 1 (2)6 (2) | 44 (98)334 (98) | 87%0.010.74 |
| - History of left pain- Absence of history of left pain | 7 (18)36 (10) | 32 (82)308 (90) | 81%0.070.64 | 1 (3)6 (2) | 39 (97)339 (98) | 88%0.010.77 |
| **Distal patellar ligament** |  |  |  |  |  |  |
|  Right pain- Absence of right pain | 4 (22)35 (10) | 14 (78)329 (90) | 87%0.080.74 | 1 (6)16 (4) | 17 (97)351 (96) | 91%0.010.83 |
| -Left pain - Absence of left pain | 2 (17)38 (10) | 10 (83)330 (90) | 87%0.030.75 | 3 (23)13 (3) | 10 (77)359 (97) | 94%0.180.88 |
| - History of right pain  - Absence of history of right pain | 8 (18)31 (9) | 36 (82)307 (91) | 82%0.090.65 | 5 (11)12 (4) | 40 (89)328 (96) | 86%0.100.73 |
| - History of left pain- Absence of history of left pain | 5 (15)35 (10) | 33 (85)307 (90) | 82%0.030.64 | 5 (13)11 (3) | 35 (87)334 (97) | 88%0.130.76 |
| **Lateral epicondyle** |  |  |  |  |  |  |
|  Right pain- Absence of right pain | 2 (10)34 (9) | 18 (90)328 (91) | 86%0.000.73 | 4 (20)9 (2) | 16 (80)355 (98) | 92%0.210.87 |
| -Left pain - Absence of left pain | 2 (12)31 (8) | 15 (88)336 (92) | 88%0.020.76 | 4 (24)10 (3) | 13 (76)358 (97) | 92%0.230.88 |
| - History of right pain  - Absence of history of right pain | 6 (15)30 (9) | 33 (85)313 (91) | 82%0.070.67 | 3 (8)10 (3) | 35 (92)336 (97) | 88%0.060.76 |
| - History of left pain- Absence of history of left pain | 4 (13)29 (8) | 26 (86)325 (92) | 85%0.050.71 | 5 (17)9 (3) | 25 (83)346 (97) | 91%0.190.82 |

PABAK: Prevalance and Bias Adjusted Kappa