

Supplementary tables

Table 4. Medial meniscus. For abbreviations, see Table 1

Tests (medial meniscus)	TP	TN	FP	FN	SEN %	SPE %	PPV %	NPV %	ACC %	LR+	LR-	Post-O %	Post-t PRO%
Joint Line Tenderness	131	34	33	12	92	51	80	74	79	1.8	0.1	3.9	80
McMurray	119	55	12	24	83	82	91	70	83	4.6	0.2	9.9	91
Apley	124	51	16	19	87	76	89	73	83	3.6	0.1	7.7	89
Thessaly	131	51	16	12	92	76	89	81	87	3.8	0.1	8.1	89
Ege	129	50	17	14	90	75	88	78	85	3.5	0.1	7.5	88
Forced flexion	128	44	23	25	84	66	85	64	78	2.4	0.2	5.5	85

Table 5. Lateral meniscus. For abbreviations, see Table 1

Tests (lateral meniscus)	TP	TN	FP	FN	SEN %	SPE %	PPV %	NPV %	ACC %	LR+	LR-	Post-O %	Post-t PRO%
Joint Line Tenderness	51	54	13	8	86	81	80	80	83	4.5	0.1	3.9	80
McMurray	46	60	7	13	85	82	78	88	83	4.7	0.1	3.5	78
Apley	46	60	7	13	78	90	87	82.	84	7.4	0.2	6.5	87
Thessaly	50	51	16	9	85	76	76	85.0	80	3.5	0.2	3.1	76
Ege	49	50	17	10	83	75	74	83.	79	3.2	0.2	2.8	74
Forced flexion	43	42	25	15	74.	63	63.	74	68	1.9	0.4	1.7	63

Table 6. Combinations of tests. FP = False positives, JLT = Joint Line Tenderness, MM = McMurray's test, AP = Apley's test, TH = Thessaly test, Ege = Ege test, FF = Pain on forced flexion

Tests	FP	Tests	FP	Tests	FP
JLT + MM	43	JLT + TH + Ege	39	AP + TH	25
JLT + AP	37	JLT + TH + FF	42	AP + Ege	28
JLT + TH	38	JLT + Ege + FF	42	AP + FF	35
JLT + Ege	39	MM + AP	20	AP + TH + Ege	27
JLT + IF	35	MM + TH	26	AP + TH + FF	39
JLT + MM + AP	37	MM + Ege	28	AP + Ege + FF	39
JLT + MM + TH	38	MM + AP + TH	26	TH + Ege	26
JLT + MM + Ege	38	MM + AP + Ege	28	TH + FF	39
JLT + MM + FF	41	MM + AP + FF	36	TH + Ege + FF	39
JLT + AP + TH	38	MM + TH + Ege	28	Ege + FF	39
JLT + AP + Ege	39	MM + TH + FF	40		
JLT + AP + FF	40	MM + Ege + FF	39		

Table 7. Associated lesions and correlation with each test. False positives (FP), false negatives (FN), medial chondropathy (MC), lateral chondropathy (LC), patellar chondropathy (PC), medial collateral ligament (MCL), lateral collateral ligament (LCL) , anterior knee pain (AKP)

Item	n	Joint Line Tenderness		McMurray		Apley		Thessaly		Ege		Forced Flexion	
Associated lesions	FP/FN	FP %	FN %	FP %	FN %	FP %	FN %	FP %	FN %	FP %	FN %	FP %	FN %
Anterior cruciate lesions	36/37	42	11	31	11	33	11	31	11	42	11	50	11
MC	44/21	16	0	9	0	11	0	11	0	16	0	18	0
LC	21/9	4.7	0	4.7	0	4.7	0	4.3	22	4.7	0	4.7	0
PC	20/21	60	14	60	14	40	19	50	9.5	45	19	65	14
MCL	12/12	33	0	8.3	0	8.3	0	25	0	25	0	50	0
LCL	4/3	50	0	25	0	25	0	50	0	50	0	0	0
AKP	40/15	30	13	20	6.6	30	0	40	0	38	0	45	0