

On-line Table: Definite, probable, and definite or probable (total) changes in various MRI findings during a 12-week period in subjects and controls

MRI Findings	Proportion of Participants in Whom MRI Findings Changed during the 12-Week Follow-Up						Difference: Subject (%), Control (%) ^a	Odds Ratios (95% CI) ^a and P Value
	Controls			Subjects with LBP				
	Probable	Definite	Definite or Probable	Probable	Definite	Definite or Probable		
Any MRI finding	5/10 = 50%	3/10 = 30%	8/10 = 80%	8/20 = 40%	9/20 = 45%	17/20 = 85%	5%	1.4 (0.2–10.2) P = 1.00
Disc degeneration	1/10 = 10%	0/10 = 0%	1/10 = 10%	2/20 = 10%	0/20 = 0%	2/20 = 10%	0%	1.0 (0.1–12.6) P = 1.00
Disc signal intensity	1/10 = 10%	0/10 = 0%	1/10 = 10%	2/20 = 10%	0/20 = 0%	2/20 = 10%	0%	1.0 (0.1–12.6) P = 1.00
Disc height	1/10 = 10%	0/10 = 0%	1/10 = 10%	0/20 = 0%	0/20 = 0%	0/20 = 0%	−10%	Unable to calculate ^b P = .33
HIZ	2/10 = 20%	2/10 = 20%	4/10 = 40%	4/20 = 20%	4/20 = 20%	8/20 = 40%	0%	1.0 (0.2–4.7) P = 1.00
Annular fissure	0/10 = 0%	1/10 = 10%	1/10 = 10%	2/20 = 10%	3/20 = 15%	5/20 = 25%	15%	3.0 (0.3–29.9) P = .63
Modic changes	2/10 = 20%	0/10 = 0%	2/10 = 20%	2/20 = 10%	1/20 = 5%	3/20 = 15%	−5%	0.7 (0.1–5.1) P = 1.00
Disc herniation	2/10 = 20%	1/10 = 10%	3/10 = 30%	8/20 = 40%	5/20 = 25%	13/20 = 65%	35%	4.3 (0.8–22.2) P = .12
Facet joint arthropathy	0/10 = 0%	0/10 = 0%	0/10 = 0%	0/20 = 0%	0/20 = 0%	0/20 = 0%	0%	Unable to calculate ^b
Central canal stenosis	0/10 = 0%	0/10 = 0%	0/10 = 0%	0/20 = 0%	0/20 = 0%	0/20 = 0%	0%	Unable to calculate ^b
Spondylolisthesis or retrolisthesis	0/10 = 0%	0/10 = 0%	0/10 = 0%	0/20 = 0%	0/20 = 0%	0/0% = 0%	0%	Unable to calculate ^b
Edema	1/10 = 10%	0/10 = 0%	1/10 = 10%	0/20 = 0%	0/20 = 0%	0/20 = 0%	−10%	Unable to calculate ^b P = .33
Nerve root compromise	0/10 = 0%	0/10% = 0%	0/10 = 0%	3/20% = 15%	0/20% = 0%	3/20% = 15%	15%	Unable to calculate ^b P = .53

^a Based on definite or probable values for subjects and controls.

^b Odds ratio unable to be calculated due to cells with zero count score.