

Supplementary file 7. Percentage (%) of de-implementation during the study period and, if at all, time until successful de-implementation (using a 84% threshold). De-implementation with the first year of study (1991) as reference and with the first landmark publication (see Supplementary file 2) as reference are reported.

Treatments	De-implementation with 1991 as reference		De-implementation with first landmark as reference		
	% de-implementation	Time until successful de-implementation	First landmark	% de-implementation	Time until successful de-implementation
Bed rest for non-specific LBP	94%	23 year	1996	91%	18 year
Bed rest for hernia nuclei pulposi	83%	Not	1995	81%	Not
Discectomy for spinal stenosis	89%	25 years	2000	86%	17 years
Spinal fusion	78%	Not	2000	85%	19 years
Invasive pain treatment	35%	Not	1999	75%	Not