

---

## 6. Literaturverzeichnis

1. Antwort der Bundesregierung auf die Anfrage der FDP-Fraktion vom 22.Dezember 2003, Drucksache 15/2295 des deutschen Bundestages. (2005)
2. Gustmann J: PRP-Symposium München 11.05.2001 "Die Klinik glänzt durch Wissen, die Praxis mit Können". Dent Implantol Update 5 (2001) 236-239
3. Ani N, Keppler L, Biscup RS, Steffee AD: Reduction of high-grade slips (gradelll-V) with vsp instrumentation: report of a series of 41 cases. Spine 16 (1991) 302-310
4. Arrington ED, Smith WJ, Chambers HG, Bucknell AL, Davino NA: Complications of iliac crest bone graft harvesting. Clin Orthop Relat Res 329 (1996) 300-309
5. Blumenthal SL, Gill K: Can lumbar spine radiographs accurately determine fusion in postoperative patients? correlation of routine radiographs with a second surgical look at lumbar fusions. Spine 18 (1993) 1186-1189
6. Boden SD: symposium: A critical discrepancy-a criteria of successful arthrodesis following interbody spinal fusions. Spine 26 (2001) 320-321
7. Boden SD, Zdeblick TA, Sandhu HS, Heim SE: The use of rhBMP-2 in intrerbody fusion cages. definitive evidence of osteoinduction in humans: a preliminary report. Spine 25 (2000) 376-381
8. Brantigan JW: Comparison of fusion in approved interbody fusion devices. Spine 26 (2001) 321-323
9. Brantigan JW, McAfee PC, Cunningham BW, Wang H, Orbegoso CM: Interbody lumbar fusion using a carbon fiber cage implant versus allograft bone. an investigational study in the spanish goat. Spine 13 (1994) 1436-1444
10. Brantigan JW, Steffee AD, Lewis ML, Quinn LM, Persenaire JM: Lumbar interbody fusion using the brantigan I/F cage for posterior lumbar interbody fusion and the variable pedicle screw placement system: two-year results from a food and drug administration investigational device exemption clinical trial. Spine 25 (2000) 1437-1446
11. Brodsky AE, Kovalsky ES, Khalil MA: Correlation of radiologic assessment of lumbar spine fusions with surgical exploration. Spine 16 (1991) 261-265
12. Burkus JK, Sandhu HS, Gornet MF, Longley MC: Use of rhBMP-2 in combination with structural cortical allograft: clinical and radiographic outcomes in anterior lumbar spinal surgery. J Bone Joint Surg Am 87 (2005) 1205-1212

13. Carpenter MCT, Dietz MJW, Leung KYK, Hanscom DA, Wagner TA: Repair of a pseudarthrosis of the lumbar spine. a functional outcome study. J Bone Joint Surg Am 78 A (1996) 712-720
14. Chedid KJ, Chedid MK: The "tract" of history in the treatment of lumbar degenerative disc disease. Neurosurg Focus 16 (2003) 1-4
15. Christensen FB, Hansen ES, Eiskjaer SP: Circumferential lumbar spinal fusion with brantigan cage versus posterolateral fusion with titanium cotrel-dubouset instrumentation: a prospective, randomized clinical study of 146 patients. Spine 27 (2002) 2674-2683
16. Christensen FB, Karlslose B, Hansen ES: Radiological and functional outcome after anterior lumbar interbody spinal fusion. Eur Spine J 5 (1996) 293-298
17. Cleveland M, Bosworth D, Thompson F: Pseudarthrosis in the lumbosacral spine. J Bone Joint Surg Am 30 (1948) 302-312
18. Cloward RB: Lesions of the intervertebral disks and their treatment by interbody fusion methods. Clin Orthop Relat Res 27 (1963) 51-77
19. Cook SD, Patron LP, Petros MC, Bailey KJ, Banta Ch, Glazer PA: Comparison of methods for determining the presence and extent of anterior lumbar interbody fusion. Spine 29 (2004) 1118-1123
20. Curasan AG (Kleinostheim): Platelet Rich Plasma und Cerasorb: Wund- und Knochenheilung verbessern - höhere Qualität in kürzerer Zeit. Produktinformation
21. Davis H: Increasing rates of cervical and lumbar spine surgery in the united states, 1979-1990. Spine 19 (1994) 1117-1124
22. DePuy Acromed, Johnson & Johnson: ALIF CFRP I/F Cage(R). Produktinformation (2001)
23. Diemer W, Burchert H: Gesundheitsberichterstattung des Bundes. Robert Koch-Institut Heft 7 (1998)
24. Diemer W, Burchert H: Gesundheitsberichterstattung des Bundes. Gesundheitsberichterstattung des Robert-Koch-Institut Heft 7 (2005) 1-32
25. Farrow A, Morrison R, Pickergill T, Currie R, Hammerley N: Transient femoral neuropathy after harvest of bone from the iliac crest. Br J Oral Maxillofac Surg 42 (2004) 572-574
26. Fraser RD: Interbody, posterior and combined Lumbar Fusions. Spine 20 (1995) 167-177

27. Gruber A: Erfahrungen mit Cerasorb in der Praxis des niedergelassenen Chirurgen. Chirug 14 (1999) 1-6
28. Gruber A: Praktische Anwendungsmöglichkeiten eines Knochenersatzmaterials- Beta- Tricalcium- Phosphat in der Handchirurgie. Traumalinc 2 (1999) 50-58
29. Gustmann J: Mit plättchenreichem Plasma Knochen schneller und sicher regenerieren Teil1  
Cerasorb in Verbindung mit PRP - der neue Goldstandard zum neuen Jahrtausend. Orale Implantol 1 (2000) 26-35
30. Gustmann J: Mit plättchenreichem Plasma Knochen schneller und sicher regenerieren Teil2  
Cerasorb in Verbindung mit PRP - der neue Goldstandard zum neuen Jahrtausend. Orale Implantol 2 (2000) 68-78
31. Harris BM, Hilibrand AS, Savas PE, Pellegrino A, Vaccaro AR, Siegler S, Albert TJ: Transforaminal lumbar interbody fusion - the effect of various instrumentation techniques on the flexibility of the lumbar spine. Spine 29 (2004) 65-70
32. Hilibrand AS, Dina T: The use of diagnostic imaging to assess spinal arthodesis. Orthop Clin North Am 29 (1998) 591-601
33. Jerosch J, Bader A, Günter U: Knochen - Curasan Taschenatlas Spezial. Georg Thieme Verlag Stuttgart New York (2002) 131-131
34. Kant AP, Daum WJ, Dean SM, Uchida, T: Evaluation of lumbar spine fusion. plain radiographs versus direct surgical exploration and observation. Spine 20 (1995) 2313-2317
35. Katz JN: Lumbar spinal fusion, surgical rates, costs and complications. Spine 20 (1995) 78-83
36. Knoeller SM, Seifried C: Historical perspective: history of spinal surgery. Spine 25 (2000) 2838-2843
37. Kossmann Th, Ertel W, Platz A, Trentz O: Die kombinierte Operation von Frakturen des thorakolumbalen Überganges mit der Inlay-Span-Technik. Orthopäde (1999) 432-440
38. Kossmann Th, Payne B, Stahel F, Trentz O: Traumatische Querschnittslähmung: operative Massnahmen. Schweiz Med Wochenschr 130 (2000) 816-828
39. Kuntz KM, Snider RK, Weinstein JN: Cost effectiveness of fusion with and without instrumentation for patients with degenerative spondylolisthesis and spinal stenosis. Spine 25 (2000) 1132-1139

40. Kuslich SD: symposium: A critical discrepancy-a criteria of successful arthrodesis following interbody spinal fusions. *Spine* 26 (2001) 325-328
41. Küsswetter W, Teschner M: Genetisch induziertes Knochenwachstum. *Dtsch Arztebl* 96 (2005) 1891
42. Laasonen E, Soini J: Low-back pain after lumbar fusion . surgical and computed tomographic analysis. *Spine* 14 (1989) 210-213
43. Lang P, Genant HK, Chafetz N: Three-dimensional computed tomography and multiplanar reformations in the assessment of pseudarthrosis in posterior lumbar fusion patients. *Spine* 15 (1990) 581-588
44. Li H, Zou X, Xue Q, Egund N, Lind M, Bungler C: Anterior lumbar interbody fusion with carbon fiber cage loaded with bioceramics and platelet-rich plasma. an experimental study on pigs. *Eur Spine J* 13 (2004) 354-358
45. Lind M: Growth factor stimulation of bone healing. effects on osteoblasts, osteotomies and implant fixation. *Acta Orthop Scand* 69 (1998) 1-37
46. Lynch SE, Genco RG, Marx RE: Platelet rich plasma: a source of multiple autologous growth factors for bone grafts. *Tissue Eng* 4 (1999)
47. Marx RE, Carlson ER, Eichstaedt RM, Schimmele SR, Strauss JE, Georgeff KR: Platelet-rich plasma, growth factor enhancement for bone grafts. *Oral Surg Oral Med Oral Pathol* 85 (1998) 638-646
48. Mc Affee PC, Boden SD, Brantigan JW, Fraser RD, Kuslich SD, Oxland TR, Panjabi MM, Ray CD, Zdeblick TA: Symposium: a critical discrepancy-a criteria of successful arthrodesis following interbody spinal fusions. *Spine* 26 (2001) 320-334
49. McAfee PC: Current concepts review - interbody fusion cage in reconstructive operations on the spine. *J Bone Joint Surg Am* 81 (1999) 859-880
50. Penta M, Fraser RD: Anterior lumbar interbody fusion: a minimum 10-years follow-up. *Spine* 22 (1997)
51. Raugstad TS, Harbo K, Oogberg A, Skeie S: Anterior interbody fusion of the lumbar spine. *Acta Orthop Scand* 53 (1982) 561-565
52. Ray CD: Symposium: a critical discrepancy-a criteria of successful arthrodesis following interbody spinal fusions. *Spine* 26 (2001) 330-332
53. Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC, Wang J, Walters BC, Hadley MPH, Hadley MN: Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. part 4: radiographic assessment of fusion. *J Neurosurg Spine* 2 (2005) 653-657

54. Ross R, Raines EW, Bowen-Pope DF: The biology of platelet derived growth factor. *Cell* 46 (1986) 155-169
55. Santos ERG, Goss DG, Morcom RK, Fraser RD: Radiologic assessment of interbody fusion using carbon fiber cages. *Spine* 28 (2003) 997-1001
56. Schäffer B, Becker Th: Immunregulation der Wundheilung. *Chirurg* 70 (1999)
57. Singh JP, Chaikin MA, Stiles CD: Phylogeneric analysis of platelet derived growth factor by radio-receptor assay. *J Cell Biol* 95 (1982) 667-671
58. Spivak JM: Current concepts review - degenerative lumbar spinal stenosis. *J Bone Joint Surg Am* 80 (1998) 1053-1066
59. Steffen Th, Stoll T, Arvinte T, Schenk RK: Porous tricalcium phosphate and transforming growth factor used for anterior spine surgery. *Eur Spine J.* 10 (2001) 132-140
60. Stryker Spine, Allendale, NJ, USA, Produktinformation: xia spinal system. Produktinformation (2005)
61. Suchomel P, Barsa P, Buchvald P, Svobodnik A, Vanickova E: Autologous versus allogenic bone grafts in instrumented anterior cervical discectomy and fusion: a prospective study with respect to bone union pattern. *Eur Spine J* 13 (2004) 510-515
62. Togawa D, Bauer TW, Brantigan JW, Lowery GL: Bone graft incorporation in radiographically successful human intervertebral body fusion cages. *Spine* 26 (2001) 2744-2750
63. Tunturi T, Niemela P, Laurinkali J: Cost-benefit analysis of posterior fusion of the lumbosacral spine. *Acta Othop Scand* 50 (1979) 427-432
64. Waldeyer A, Mayet A: Anatomie des Menschen Band 1. Walter de Gruyter-Verlag Berlin 16. Auflage (1993) 331-331
65. Walsh WR, Loeffler A, Nicklin S, Arm D, Stanford RE, Harris R, Ilies RM: Spinal fusion using an autologous growth factor gel and a porous resorbable ceramic. *Eur Spine J* 13 (2004) 359-366
66. Weibrich G, Buch RSR, Kleis WKG, Hafner G, Hitzler WE, Wagner W: Quantification of thrombocyte growth factors in platelet concentrates produced by discontinuous cell separation. *Growth Factors* 20 (2002) 93-97
67. Zdeblick TA: Symposium: a critical discrepancy-a criteria of successful arthrodesis following interbody spinal fusions. *Spine* 26 (2001) 332-333