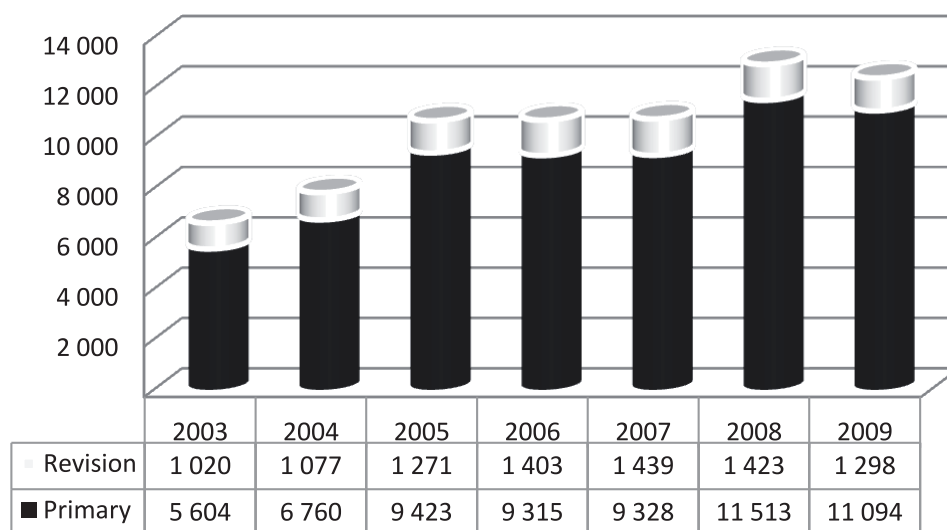
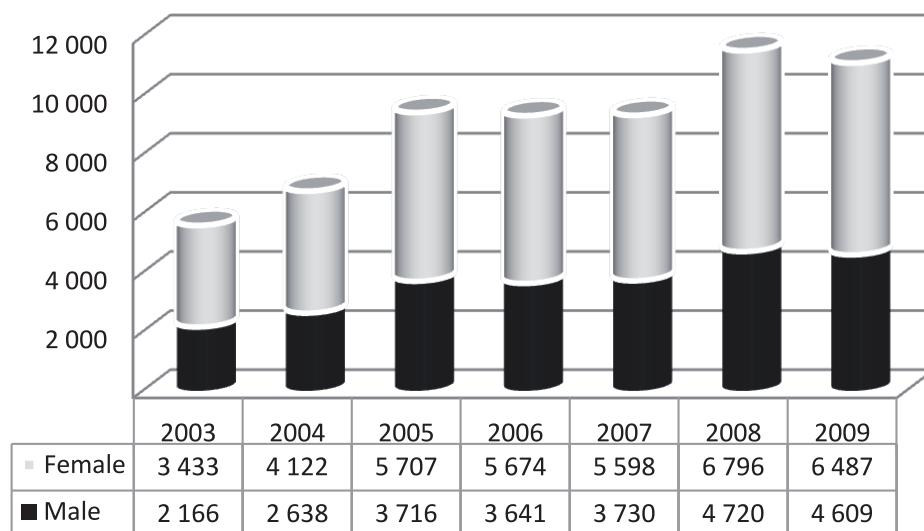


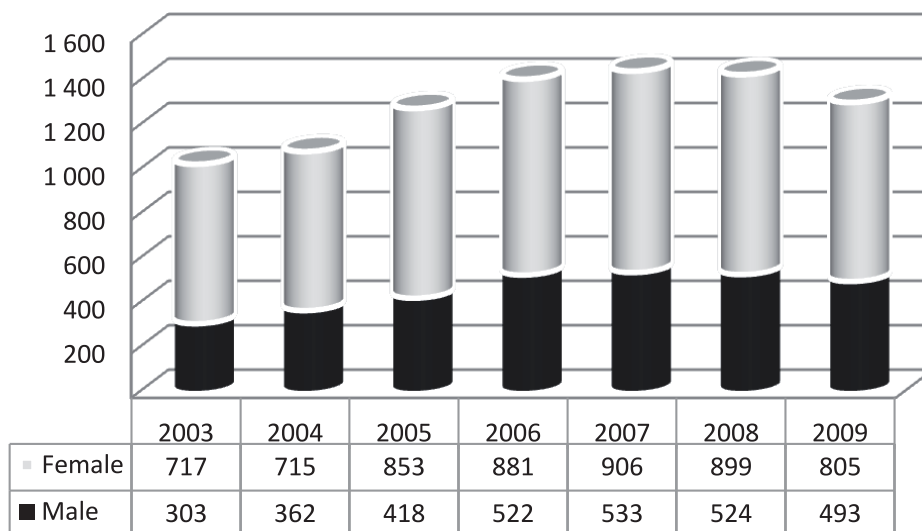
Graph 1. Aggregate number of primary implantations and revision surgeries processed by the register in 2003-2009



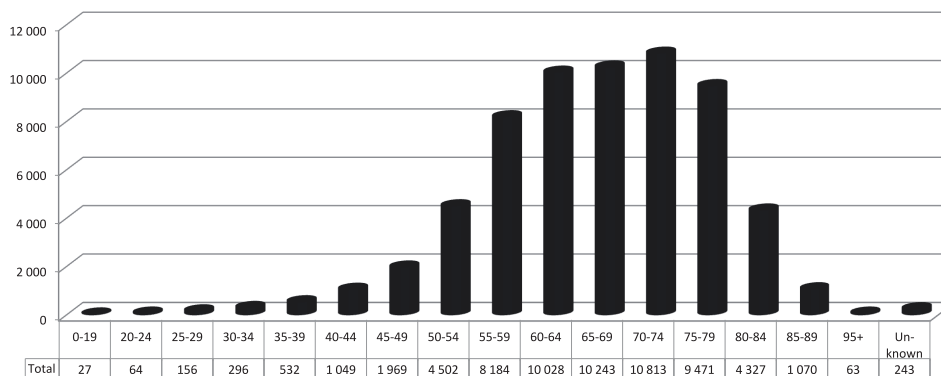
Graph 2. Primary implantations divided by gender



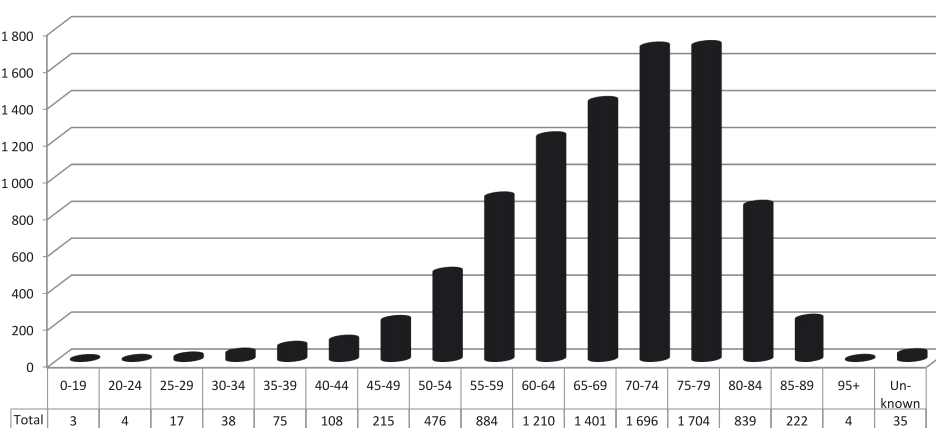
Graph 3. Revision surgeries divided by gender



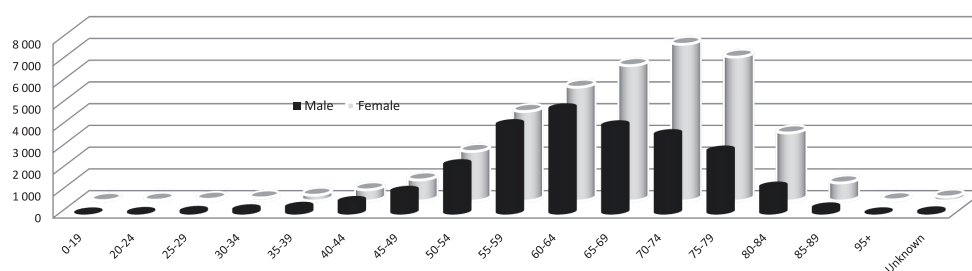
Graph 4. Patient age structure at the time of their primary implantation



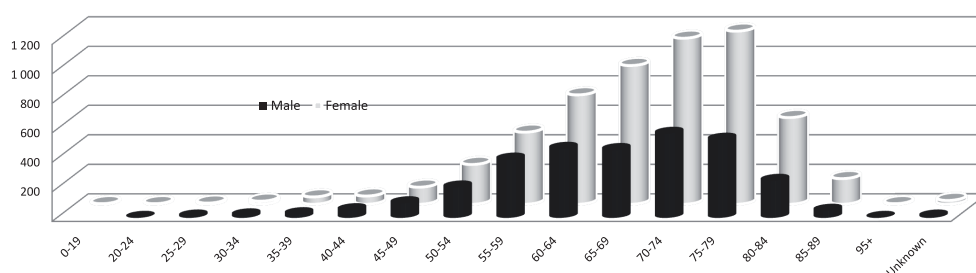
Graph 5. Patient age structure at the time of their revision surgery



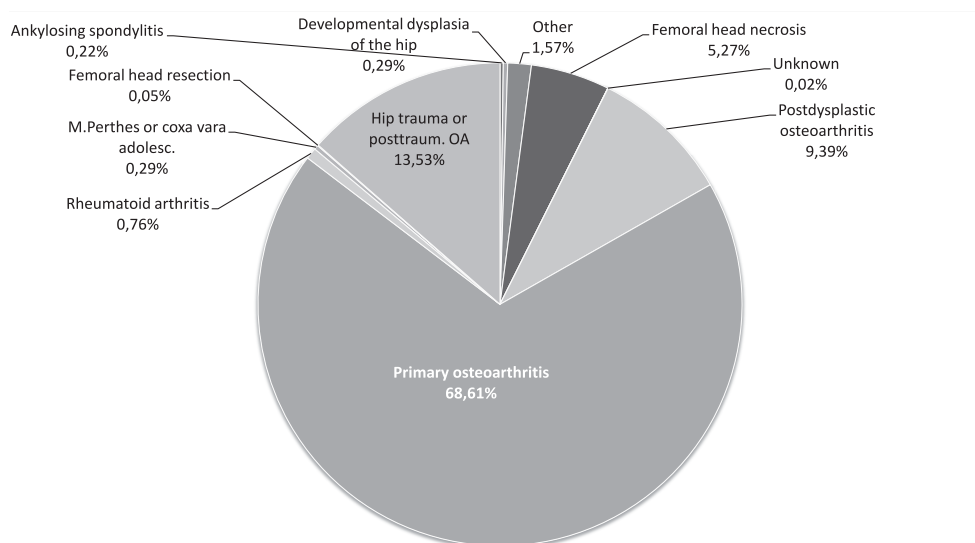
Graph 6. Occurrence frequency of primary implantations divided by gender and age at the time of operation



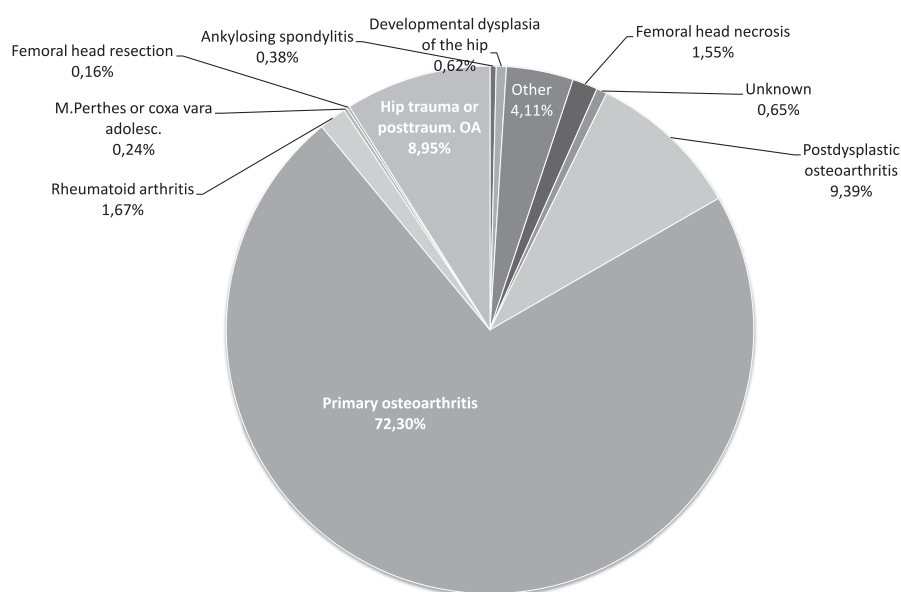
Graph 7. Occurrence frequency of revision surgeries divided by gender and age at the time of operation



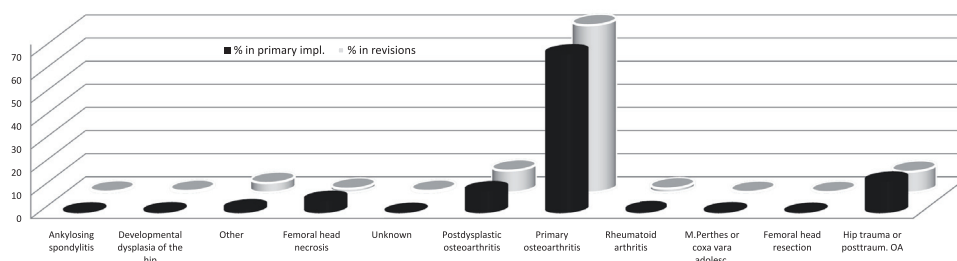
Graph 8. Share of individual basic diagnoses in total number of primary implantations



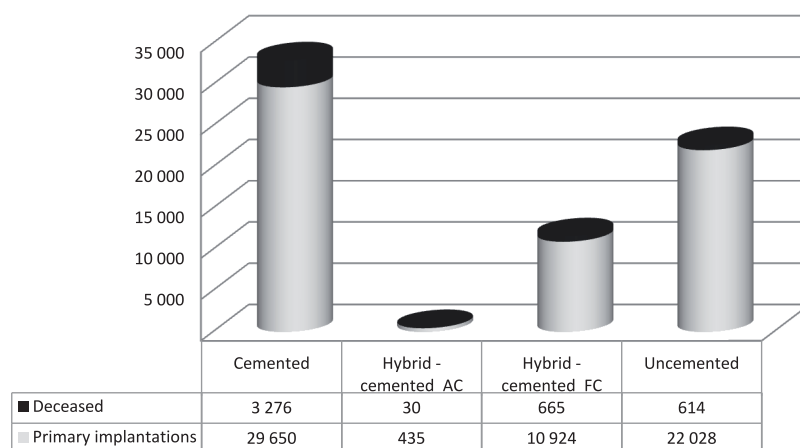
Graph 9. Share of individual basic diagnoses in total number of revision surgeries



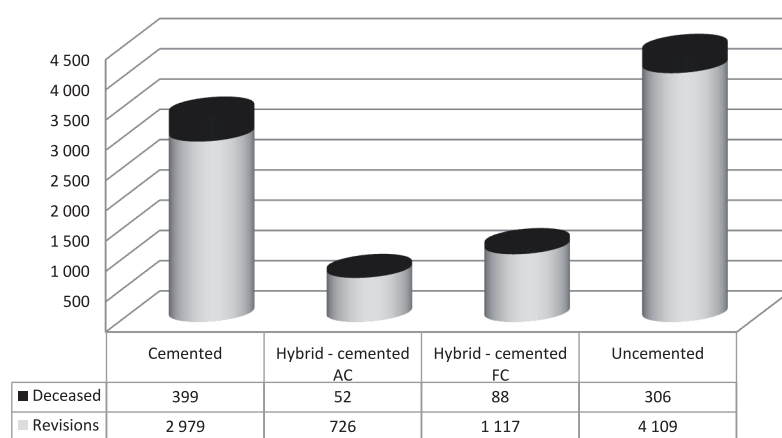
Graph 10. Rate of percentage share of primary diagnoses in primary implantations and revision surgeries



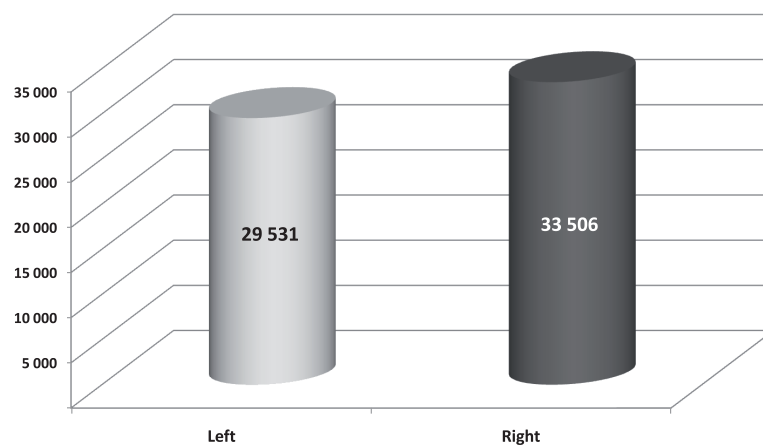
Graph 11. Share of all deceased (w/o relation to operation) in individual categories of primary implantations by the type of fixation for the monitored period of 2003-2009



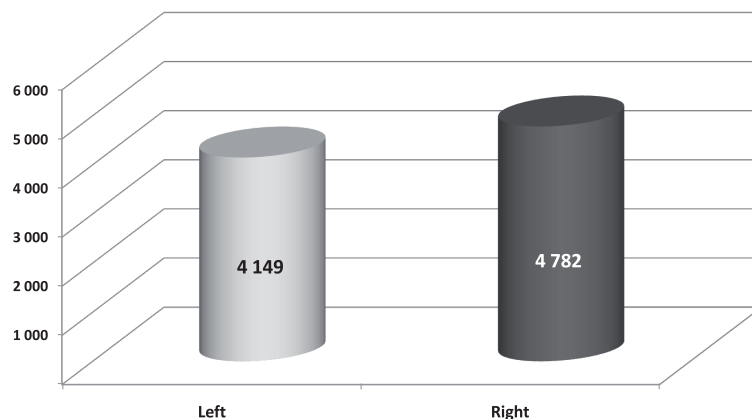
Graph 12. Share of all deceased (w/o relation to operation) in individual categories of revision surgeries by the type of fixation for the monitored period of 2003-2009



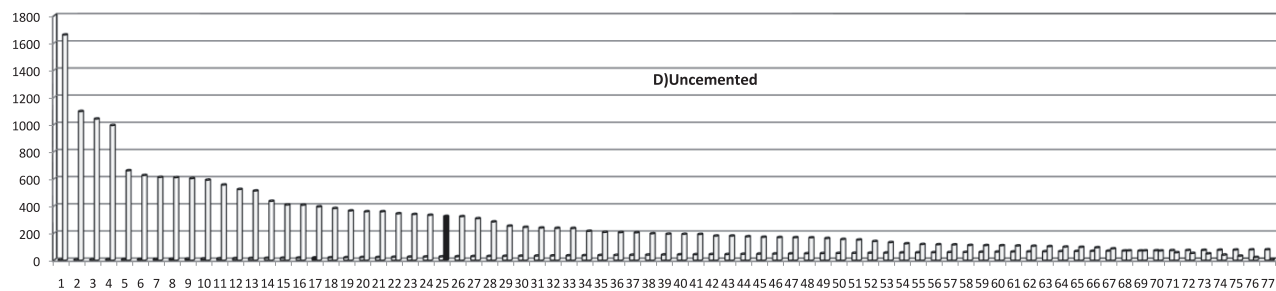
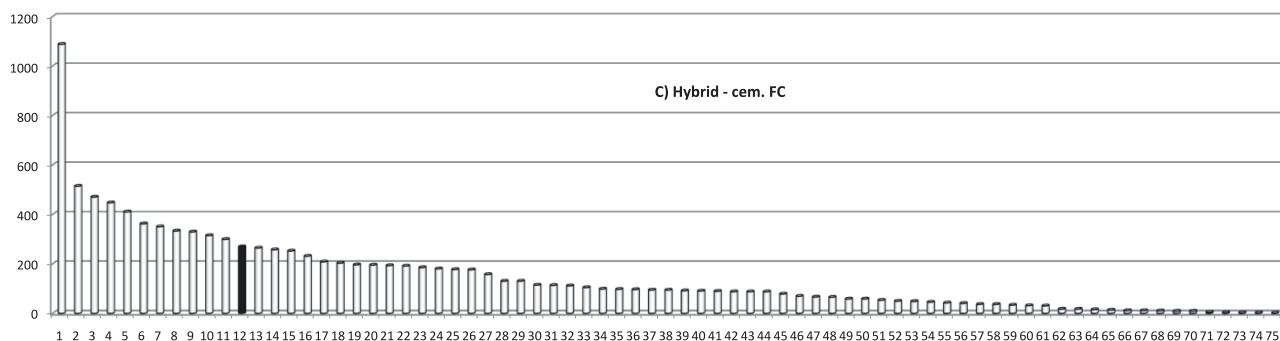
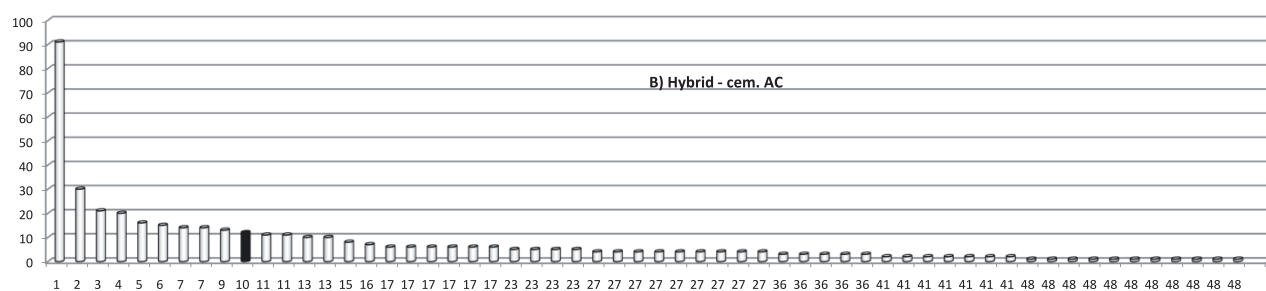
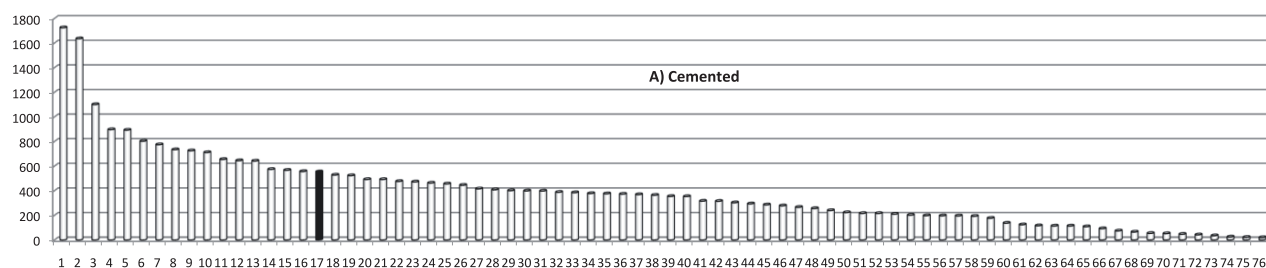
Graph 13. Ratio of lateral (right-left) hip involvement in primary implantations



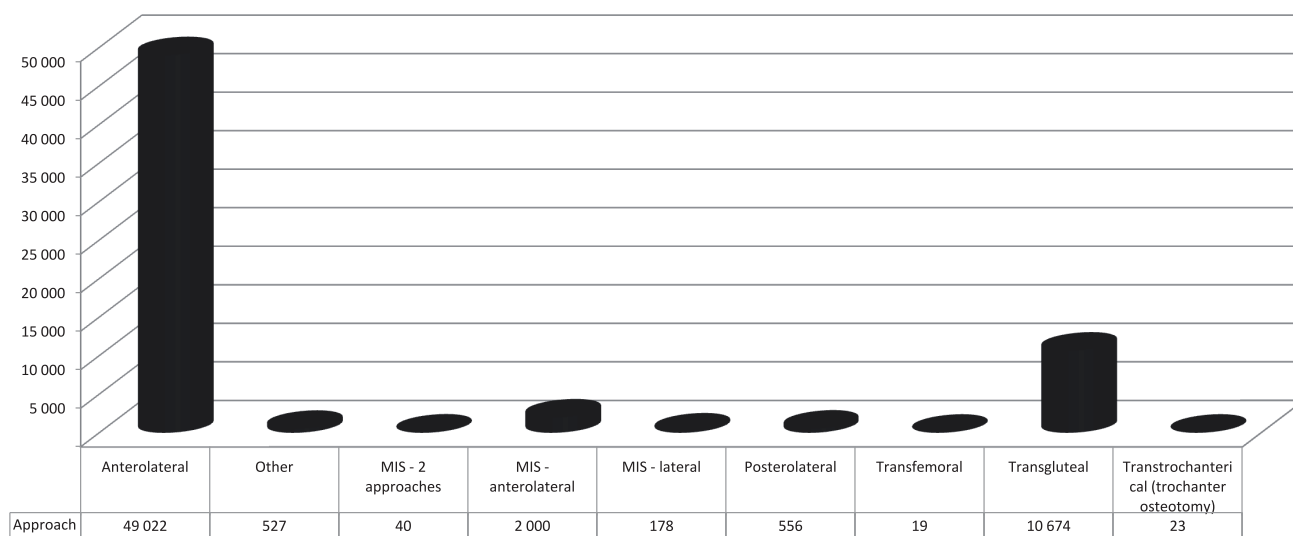
Graph 14. Ratio of lateral (right-left) hip involvement in revision surgeries



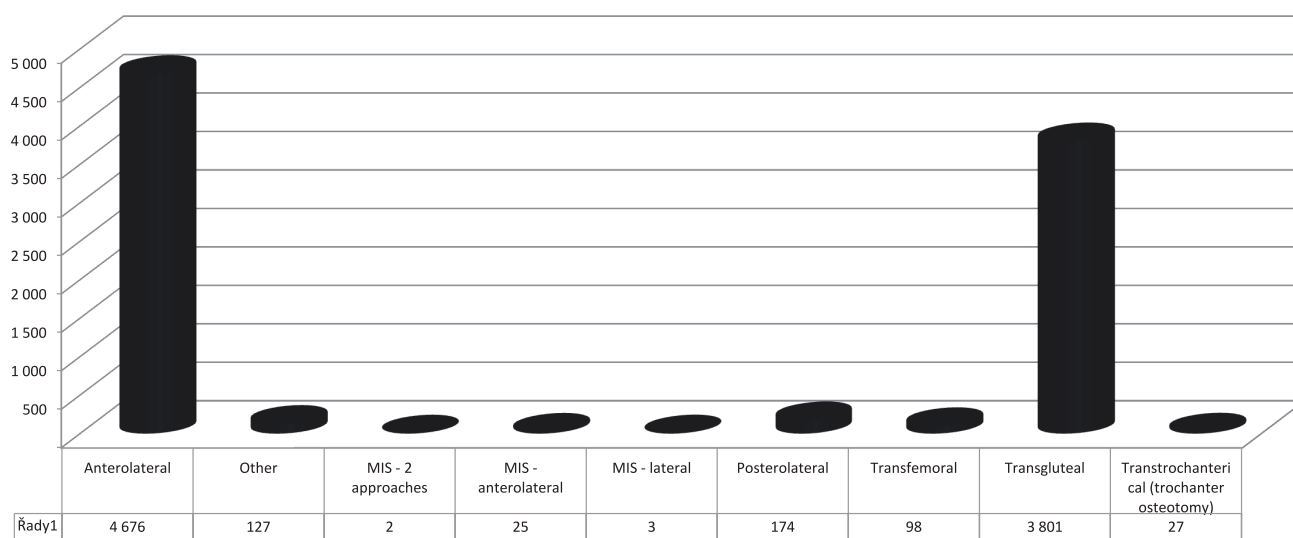
Graph 15. Example of anonymous graphs A-D demonstrating position of a respective hospital (XY) within the number of entered primary implantations divided by the type of fixation in the order: A) cemented, B) hybrid AC, C) hybrid FC, D) uncemented



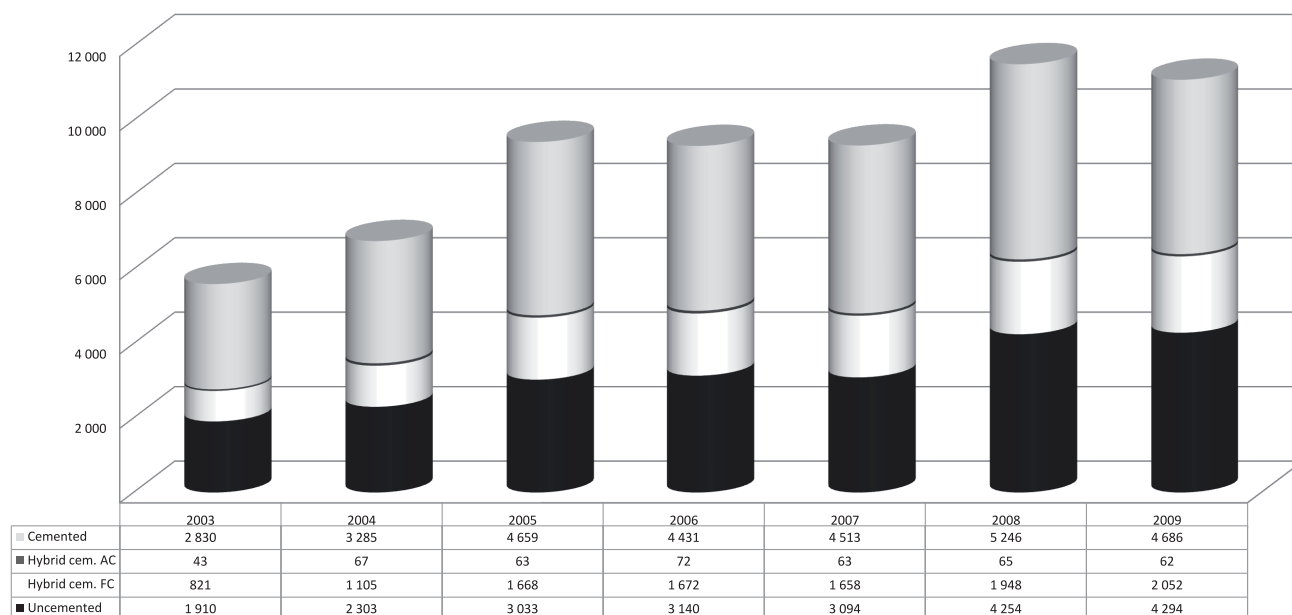
Graph 16. Surgical approaches used in primary implantations



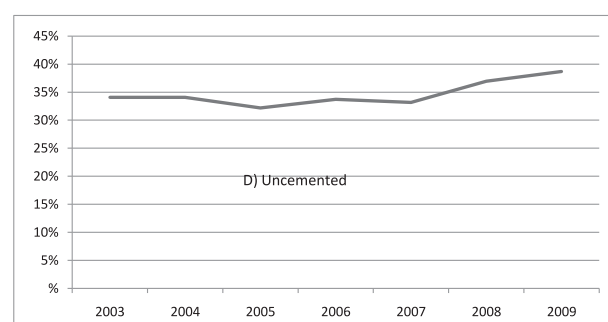
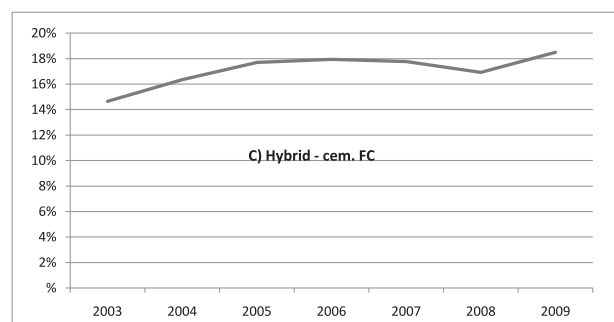
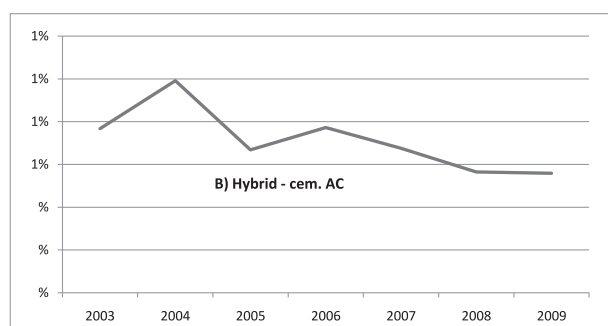
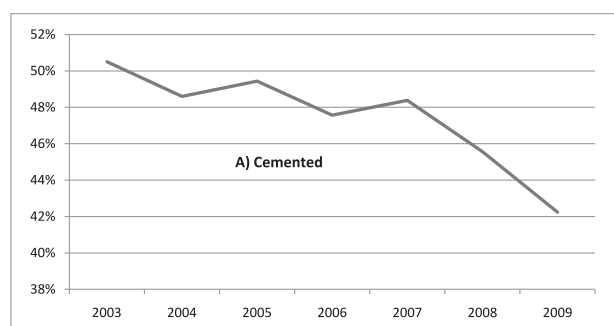
Graph 17. Surgical approaches used in revision surgeries



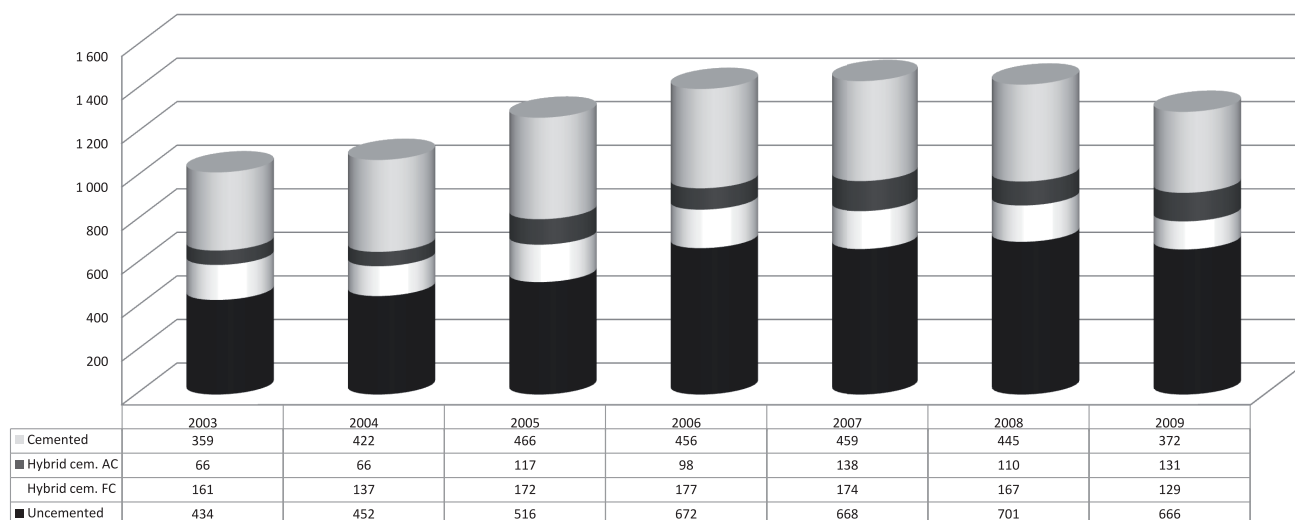
Graph 18. Summary of primary implantations divided by the type of fixation in individual years



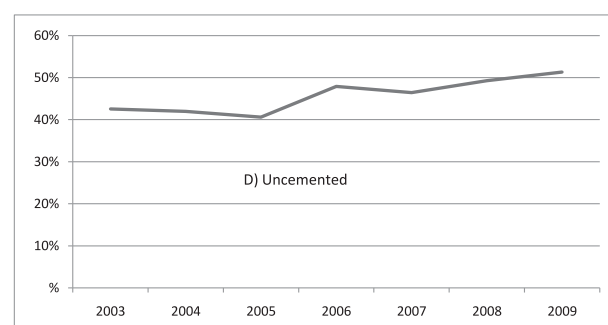
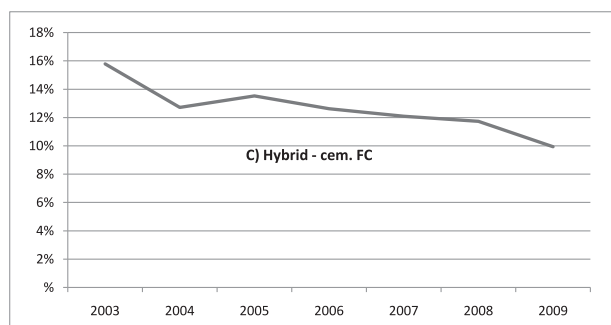
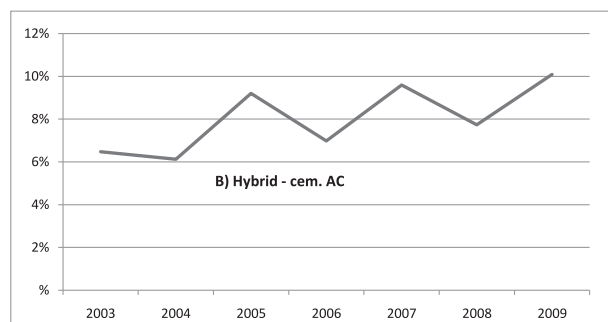
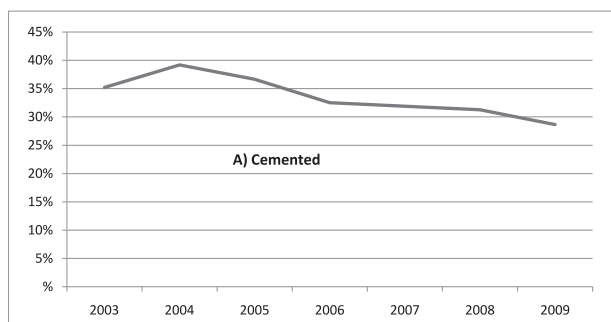
Graph 19. A-D Developmental trends in the share of various fixation types in individual years in primary implantations A) cemented, B) hybrid AC, C) hybrid FC, D) uncemented



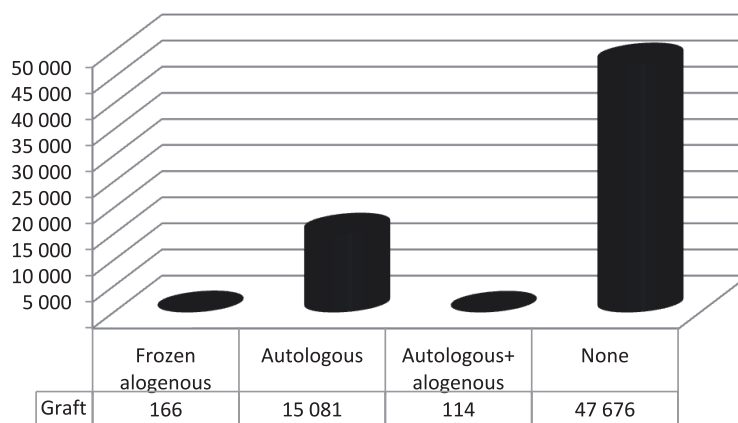
Graph 20. Summary of revision surgeries divided by the type of fixation in individual years



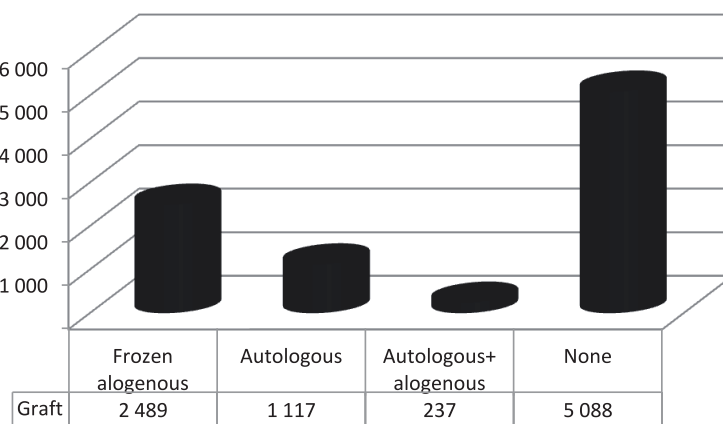
Graph 21. A-D Developmental trends in the share of various fixation types in revision surgeries A) cemented, B) hybrid AC, C) hybrid FC, D) uncemented



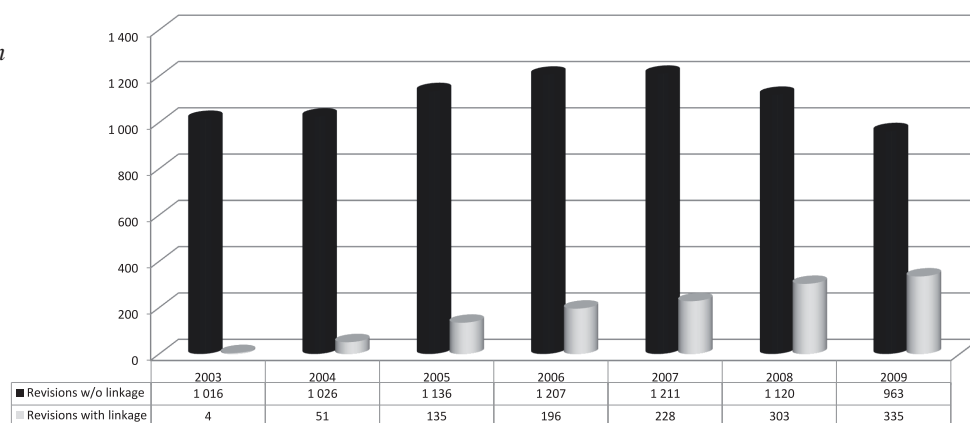
Graph 22. Grafts used in primary implantations



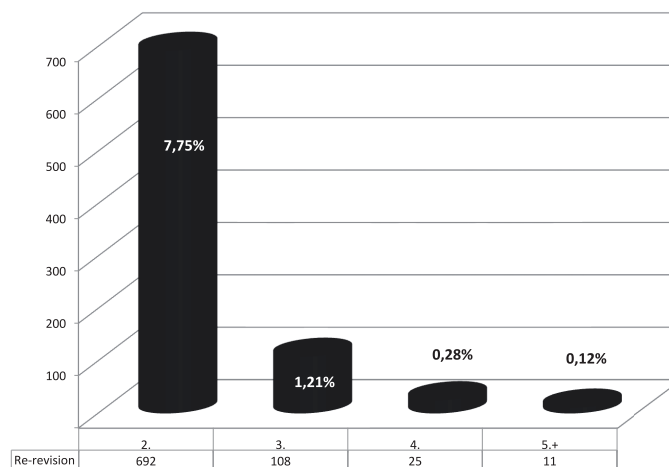
Graph 23. Grafts used in revision surgeries



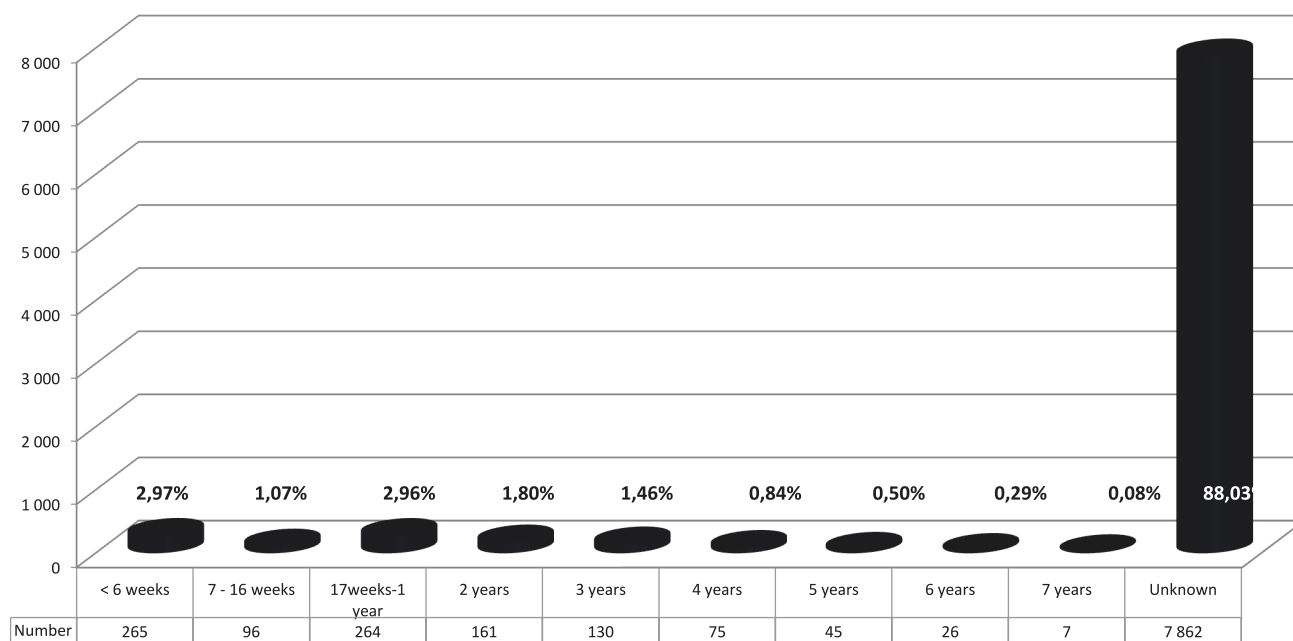
Graph 24. Number of revision surgeries according to relation to previous surgery recorded in the register and their development in 2003-2009



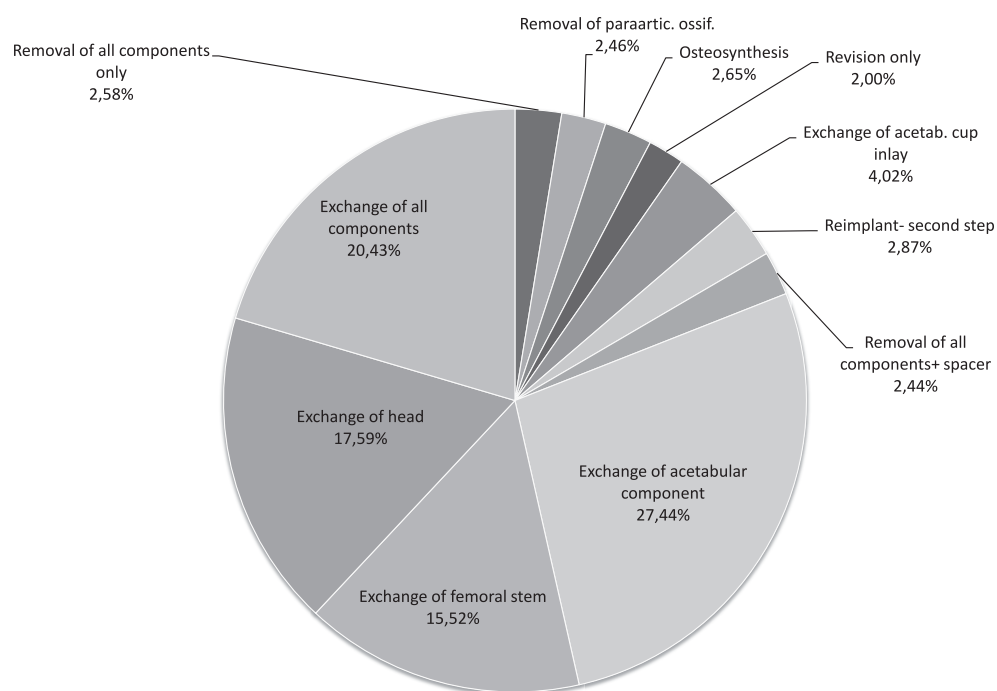
Graph 25. Number of multiple revision surgeries



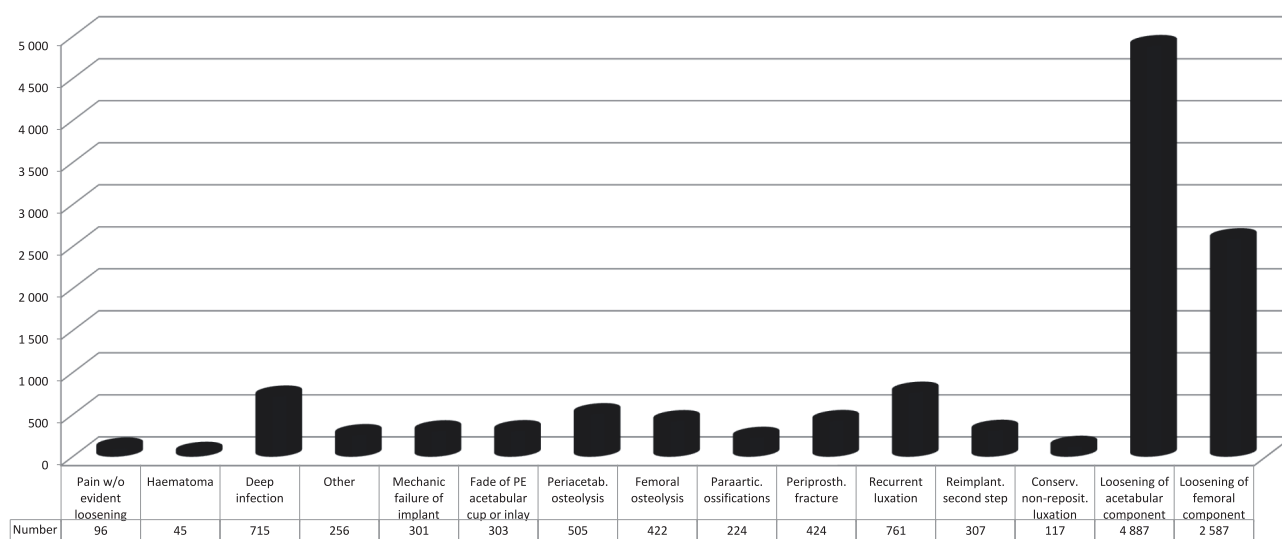
Graph 26. Revision surgeries divided by the time interval from previous surgery



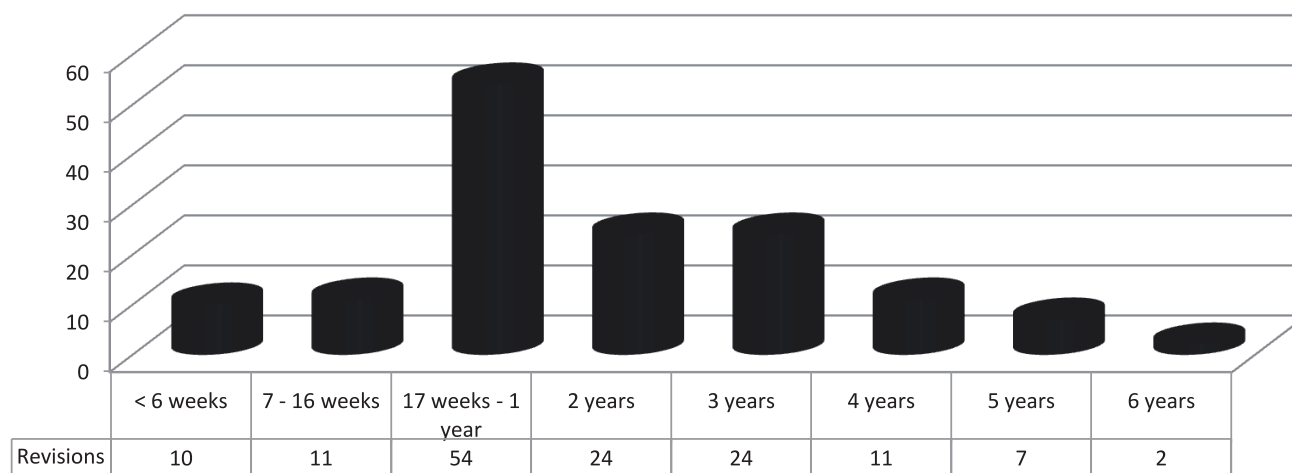
Graph 27. Surgical technique of the revision



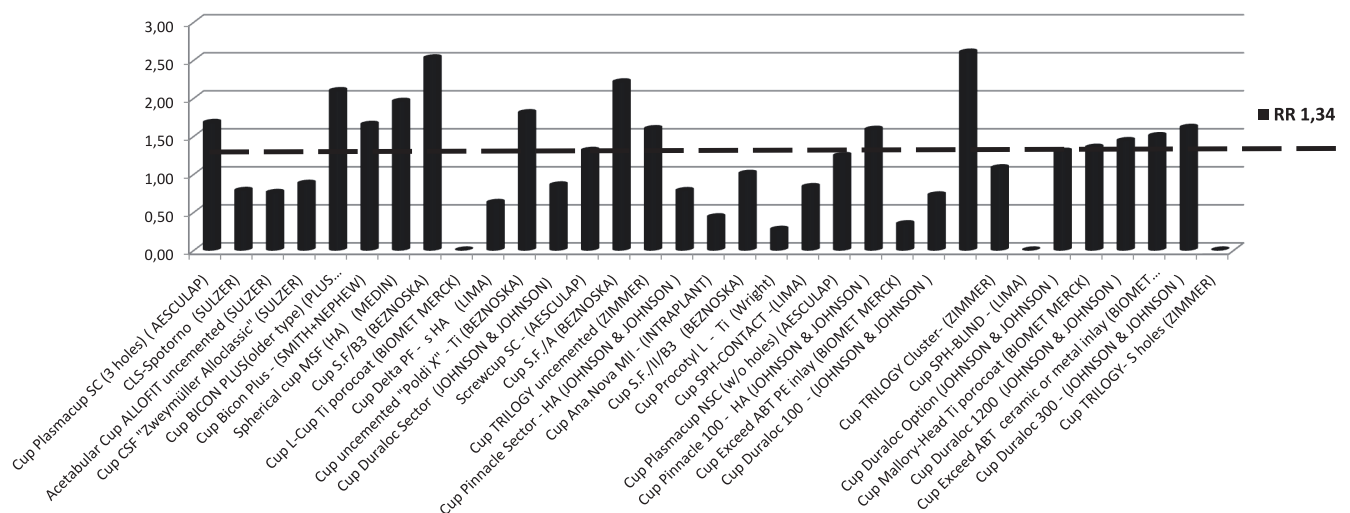
Graph 28. Summary of causes of revision surgeries



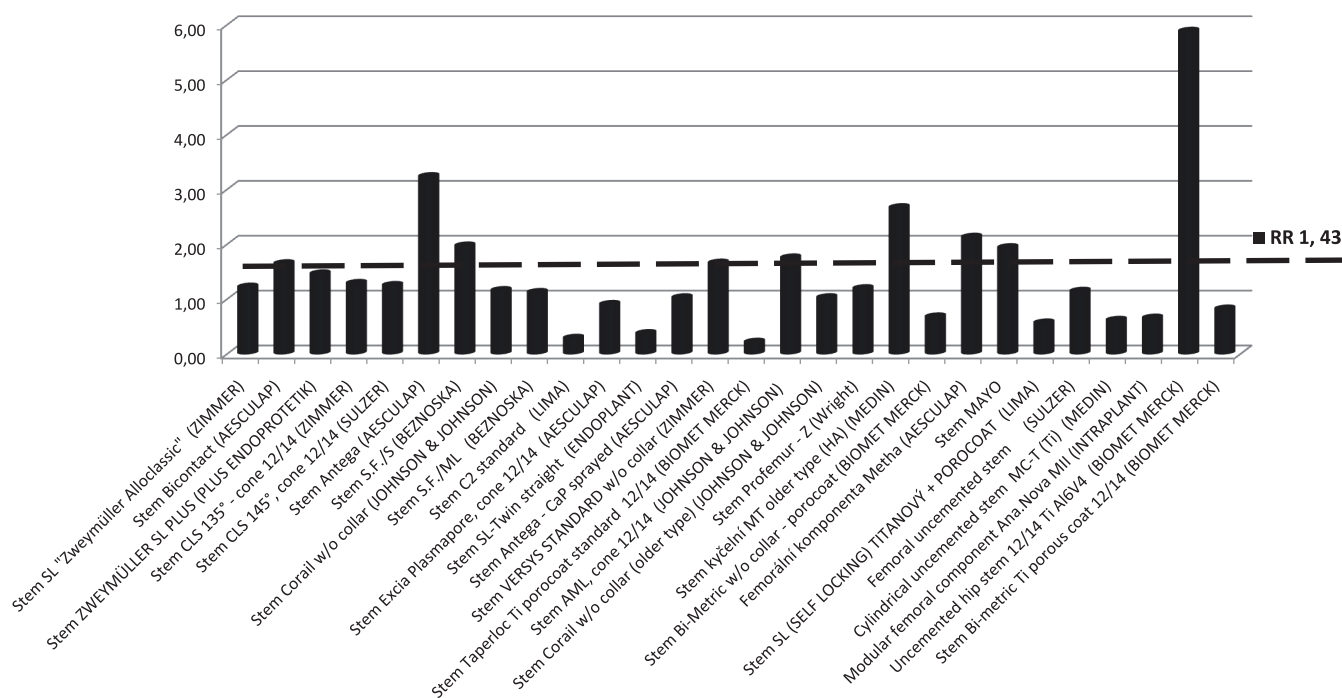
Graph 29. Deep infection resulting in revision – occurrence distribution in time in all primary implantations carried out in 2003-2009 as at the evaluation on June 30, 2010



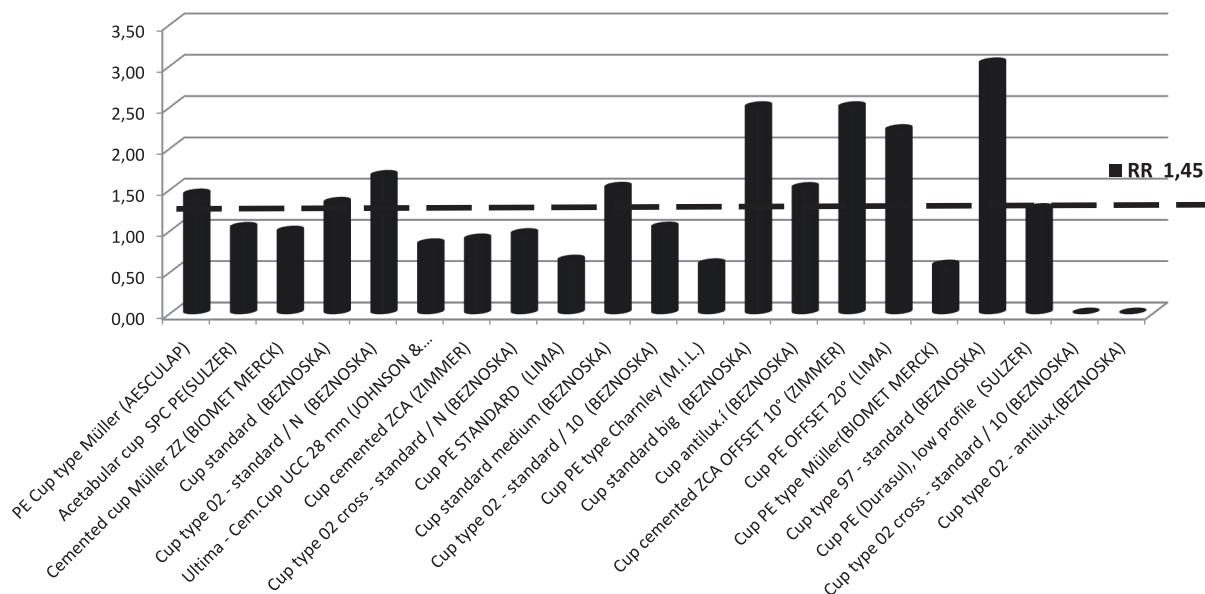
Graph 30. Most widely used non-cemented cups in primary implantations (>100) with marked average RR level for the entire sample



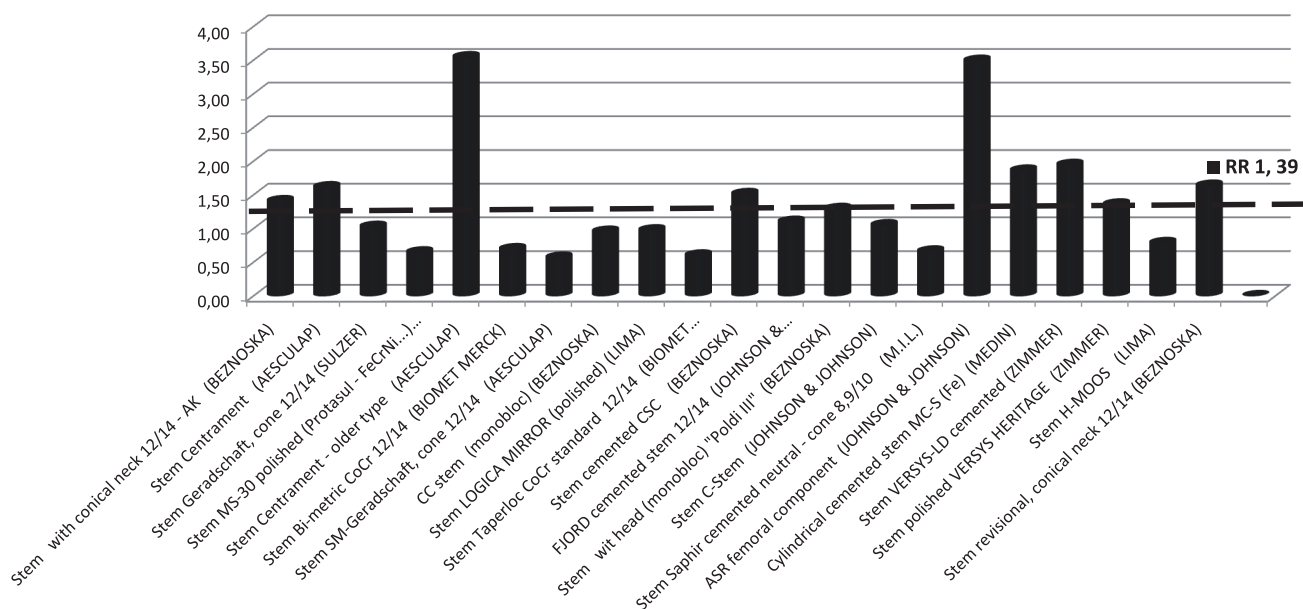
Graph 31. Most widely used non-cemented stems in primary implantations (>100) with marked average RR level for the entire sample



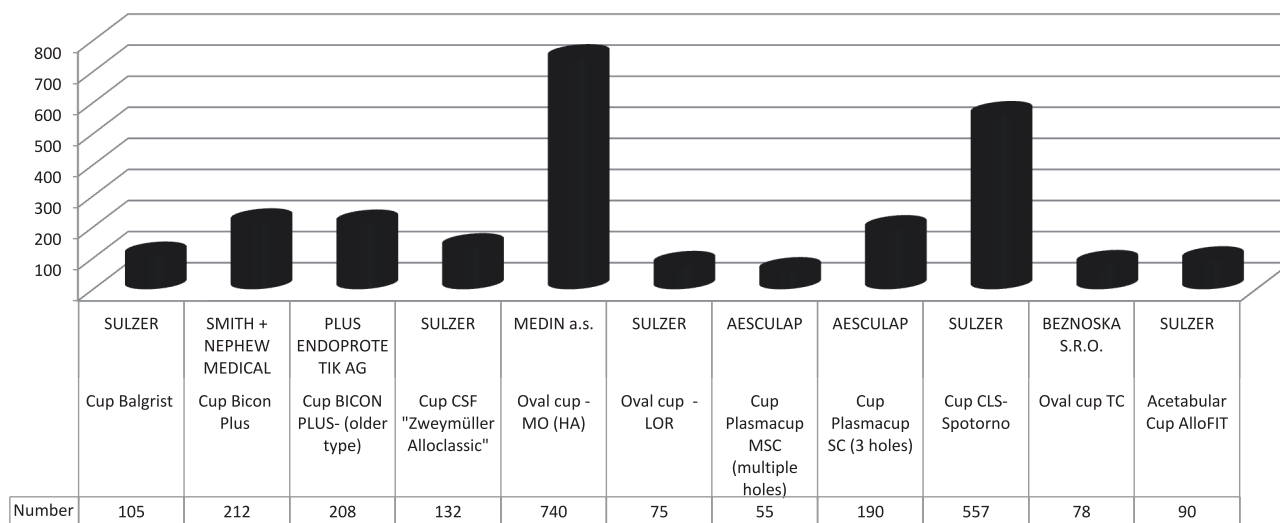
Graph 32. Most widely used cemented cups in primary implantations (>100) with marked average RR level for the entire sample



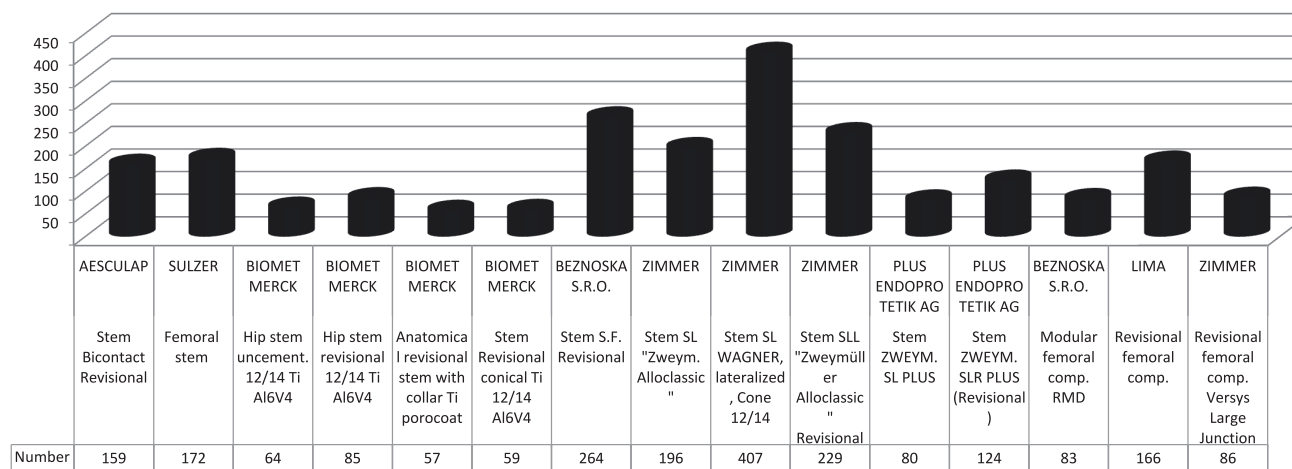
Graph 33. Most widely used cemented stems in primary implantations (>100) with marked average RR level for the entire sample



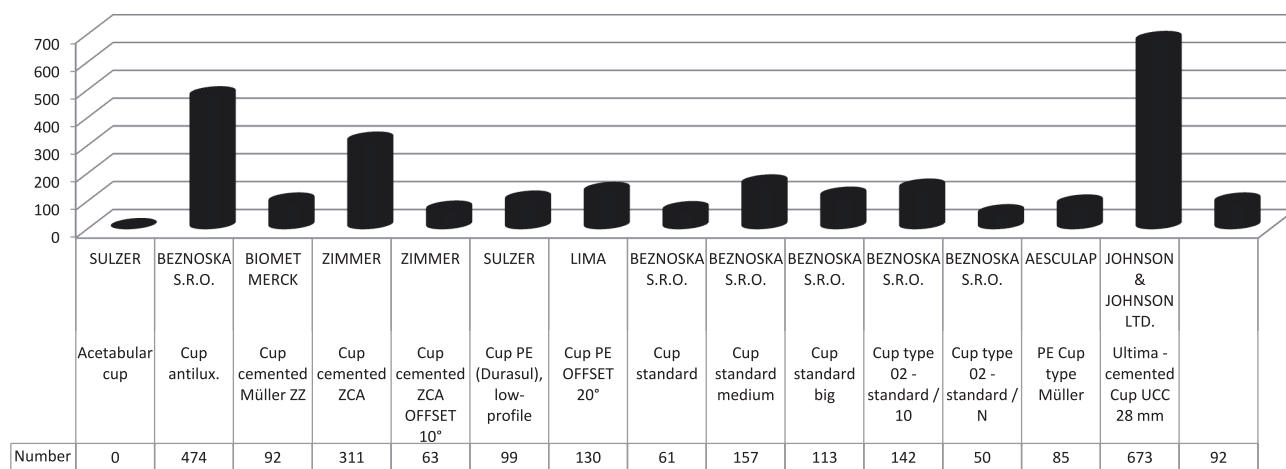
Graph 34. Most widely used non-cemented cups in revision surgeries (>50)



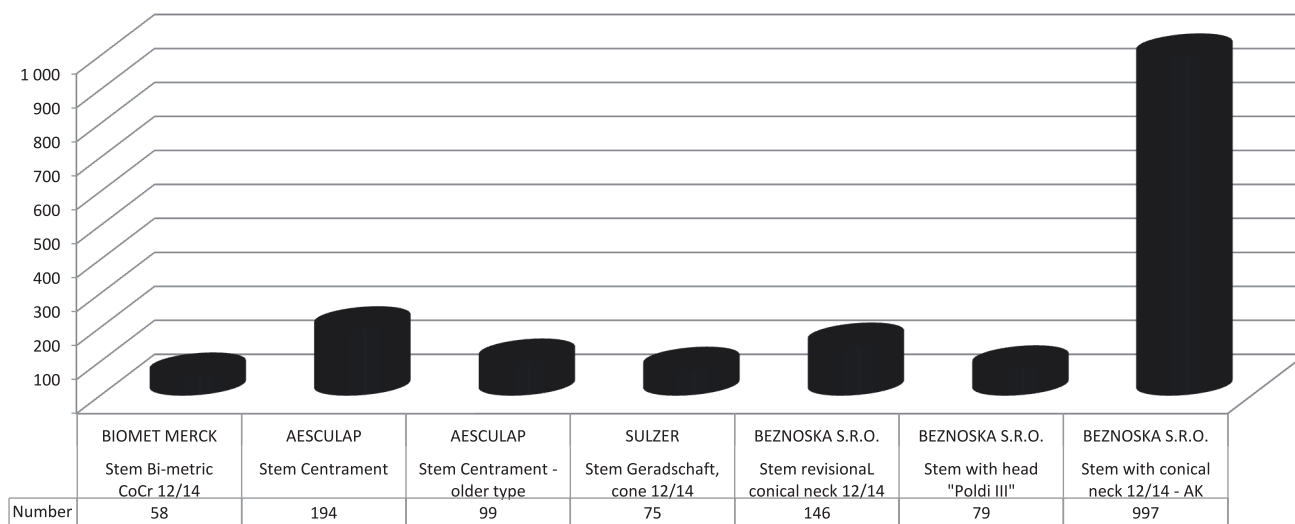
Graph 35. Most widely used non-cemented stems in revision surgeries (>50)



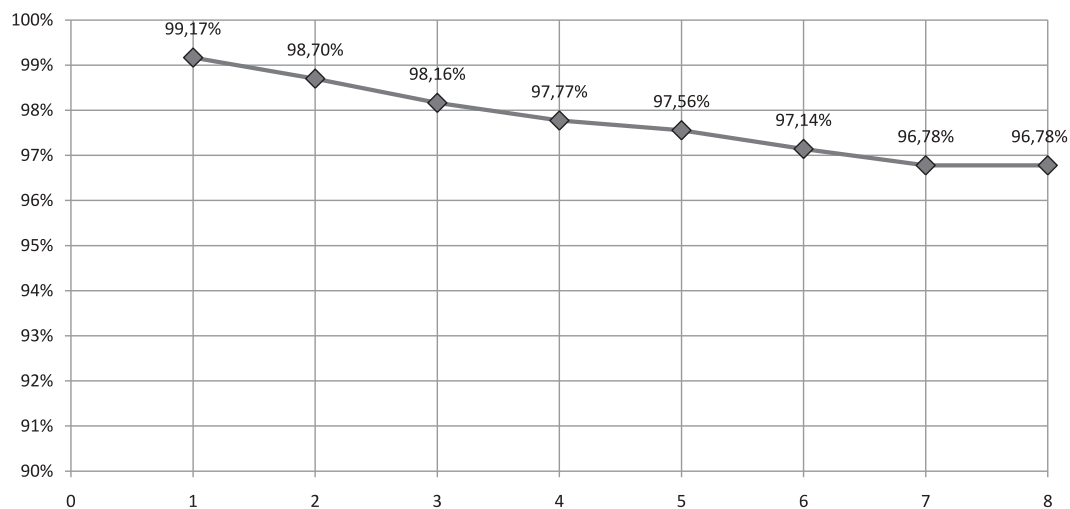
Graph 36. Most widely used cemented cups in revision surgeries (>50)



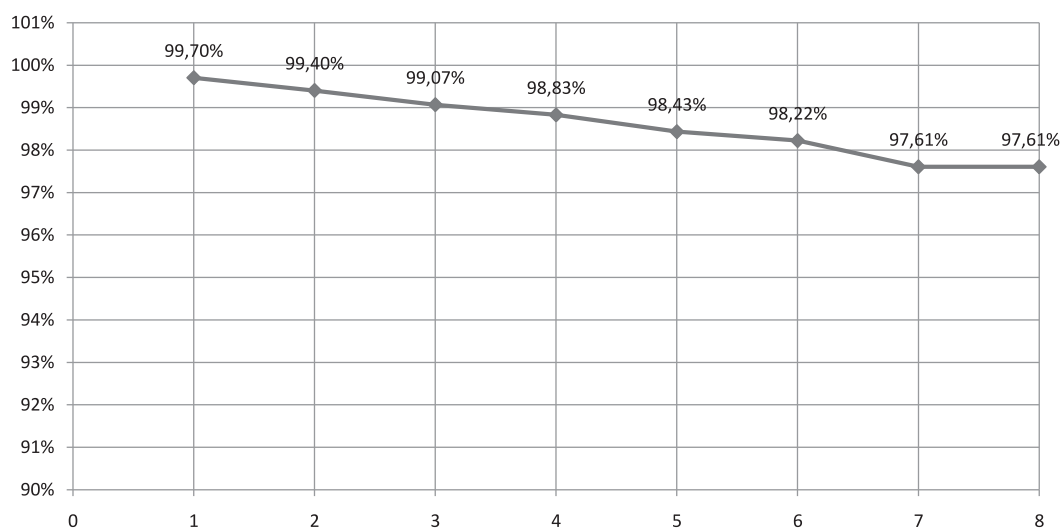
Graph 37. Most widely used cemented stems in revision surgeries (>50)



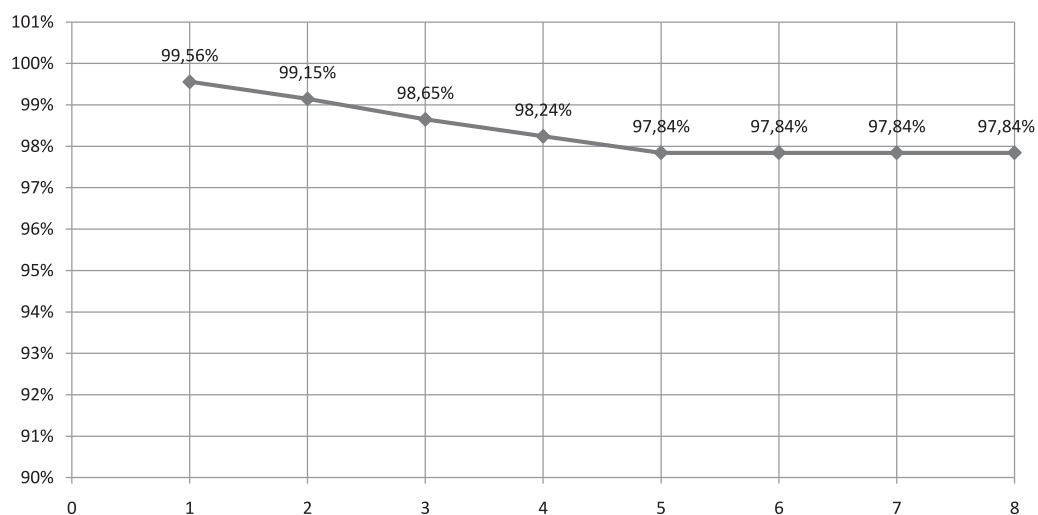
Graph 38. Cumulative survival probability of non-cemented cups Plasmacup SC (Aesculap) – 6738 cases



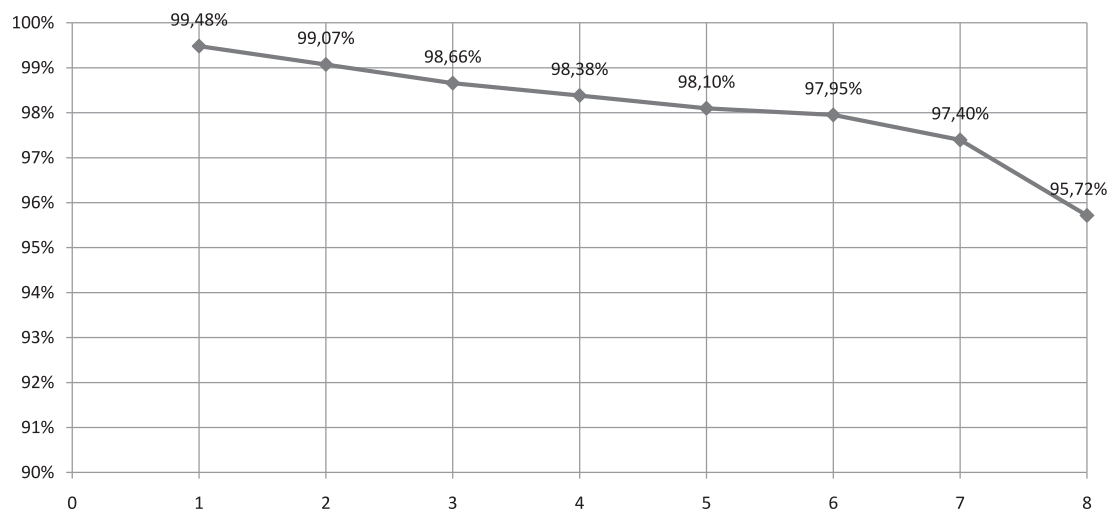
Graph 39. Cumulative survival probability of non-cemented cups CLS Spotorno (Sulzer) – 3701 cases



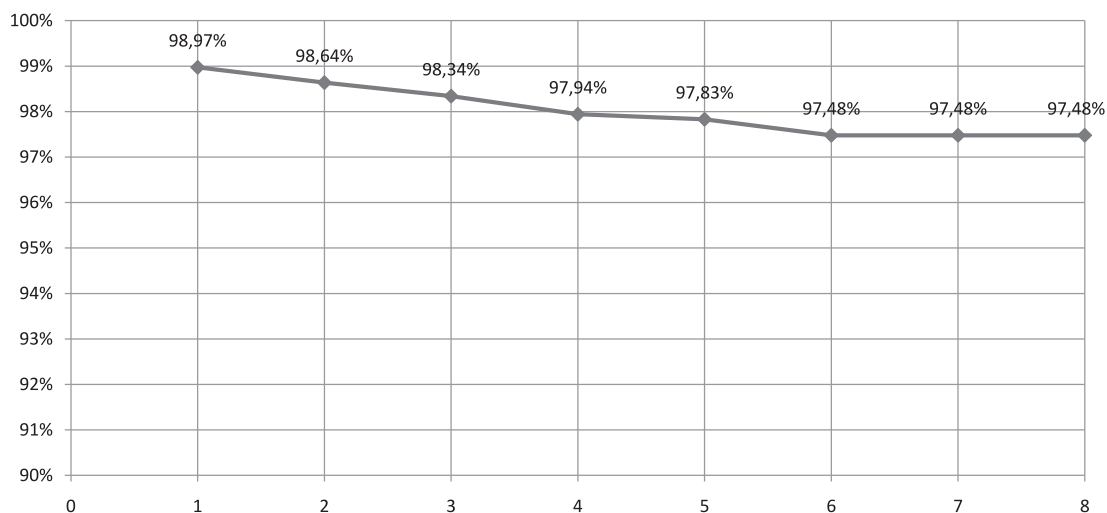
Graph 40. Cumulative survival probability of non-cemented cups Allofit (Sulzer) – 3173 cases



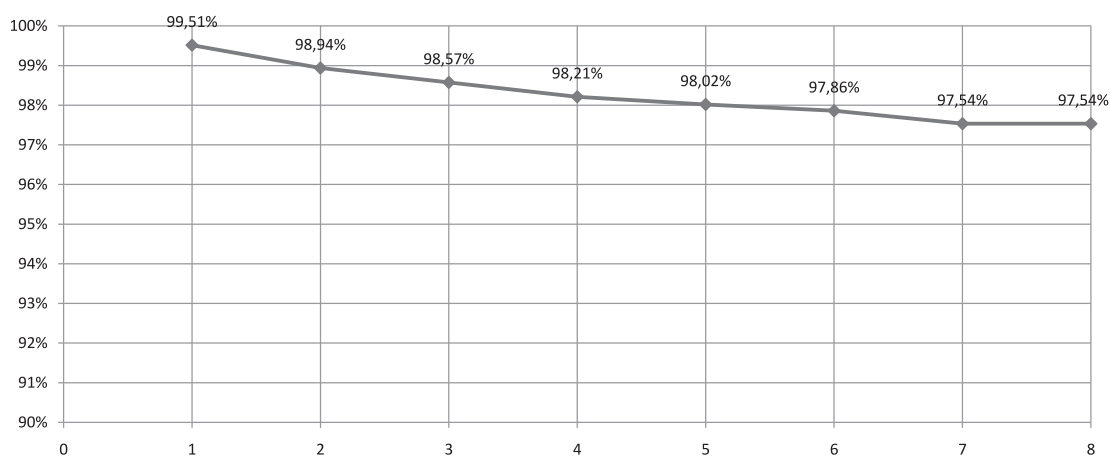
Graph 41. Cumulative survival probability of non-cemented stems Zweymüller SL Alloclassic (Zimmer)- 2708 cases



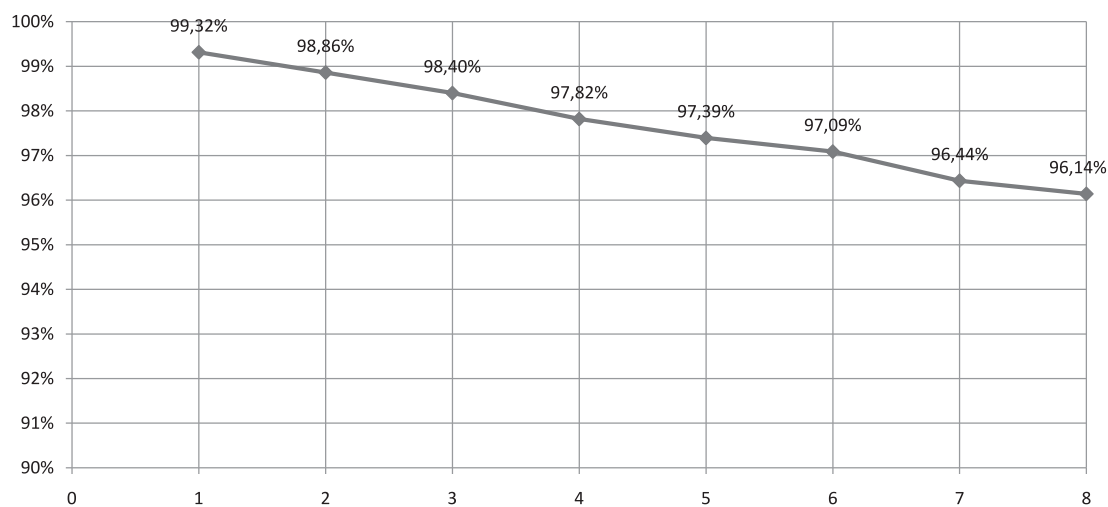
Graph 42. Cumulative survival probability of non-cemented stems Bicontact (Aesculap) – 2249 cases



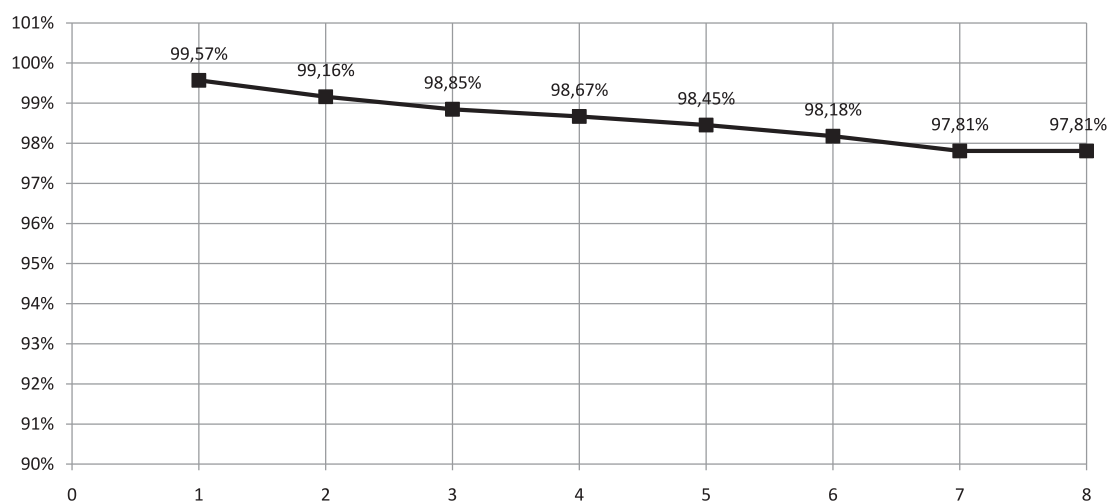
Graph 43. Cumulative survival probability of non-cemented stems Zweymüller SL Plus (Endoprotetik Plus) – 2055 cases



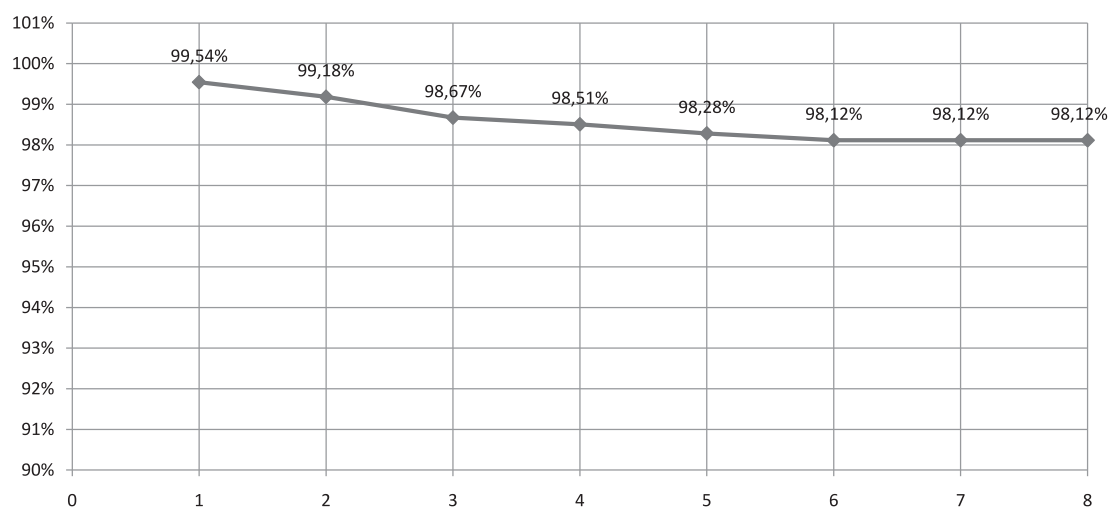
Graph 44. Cumulative survival probability of cemented cups PE Müller (Aesculap) – 10196 cases



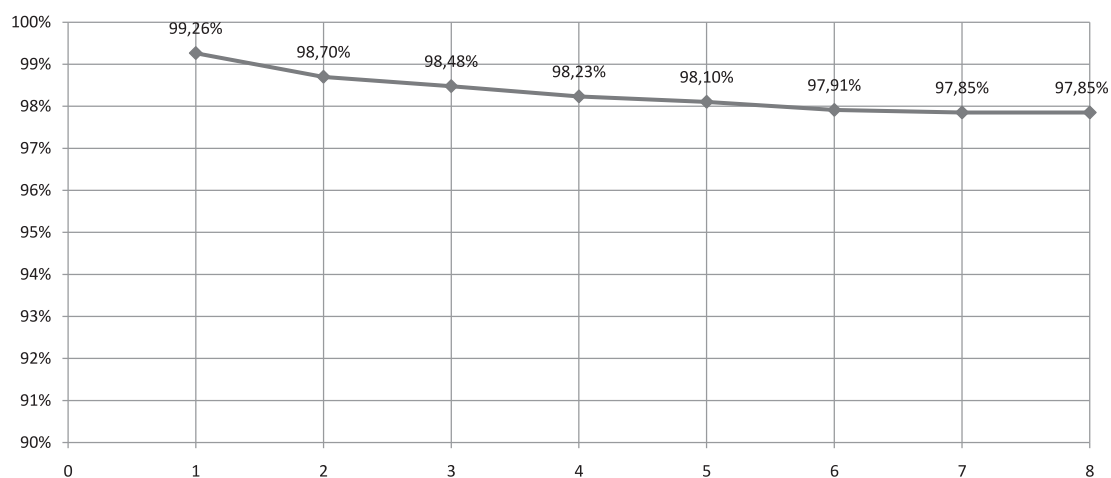
Graph 45. Cumulative survival probability of cemented cups SPC PE (Sulzer) – 5397 cases



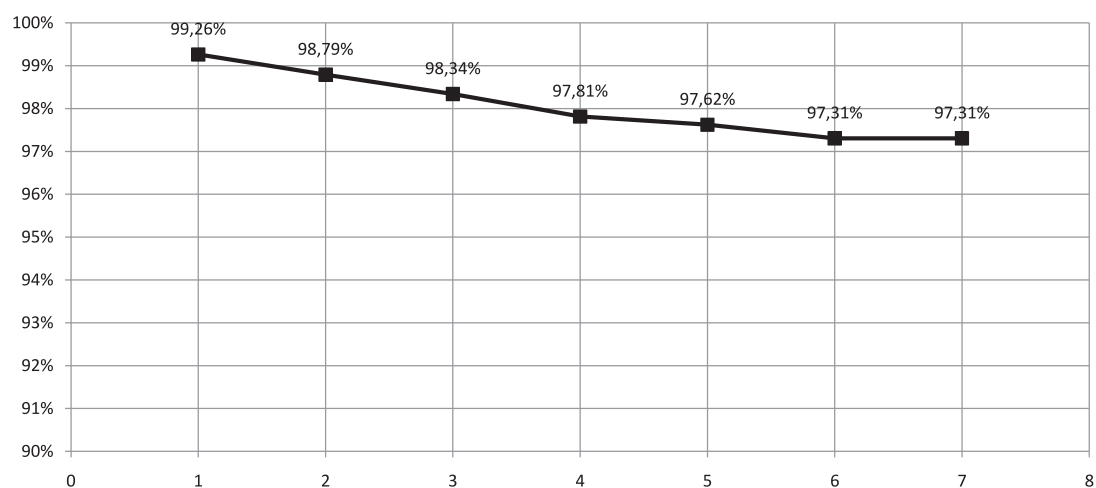
Graph 46. Cumulative survival probability of cemented cups Müller ZZ (Biomet Merck) – 2217 cases



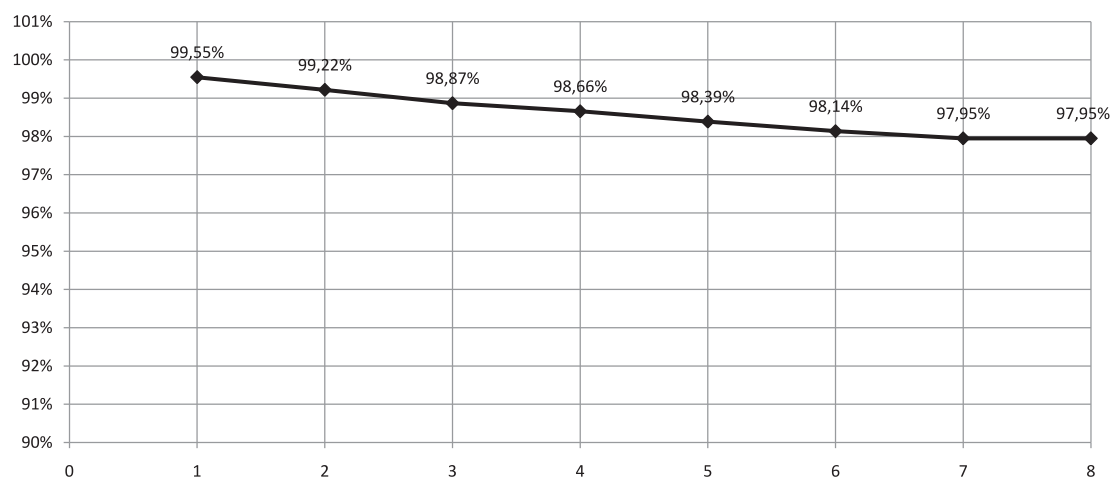
Graph 47. Cumulative survival probability of cemented stems – THA stems with conical neck 12/14 AK (Beznoska) – 9932 cases



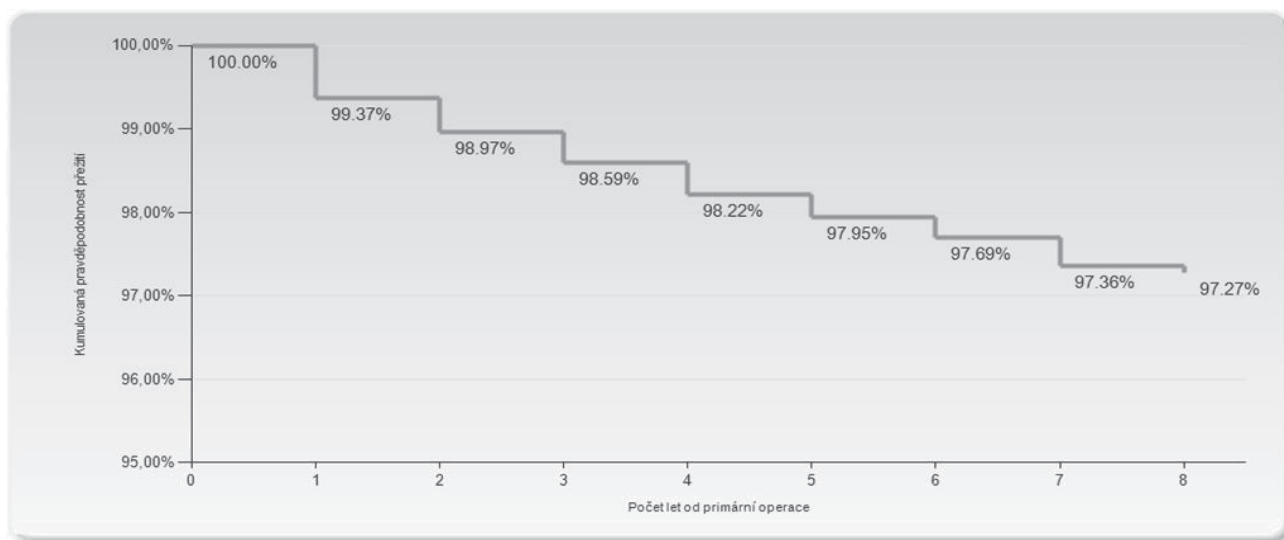
Graph 48. Cumulative survival probability of cemented stems Centrament – newer type (Aesculap) – 8477 cases



Graph 49. Cumulative survival probability of cemented stems Geradschaft cone 12/14 cemented (Sulzer) – 6904 cases

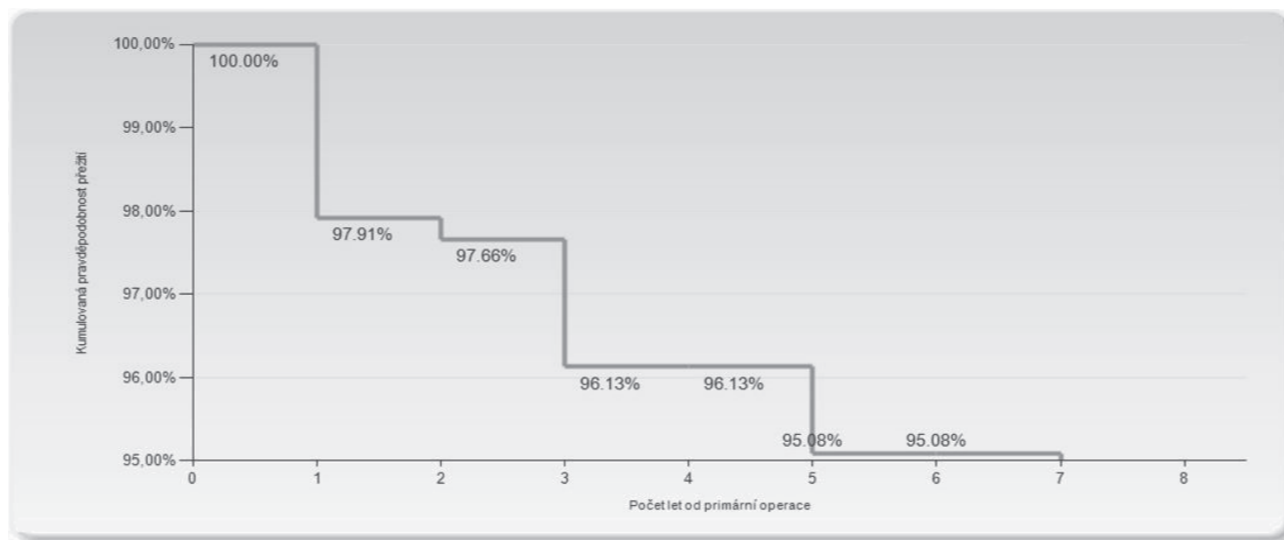


Graph 50. Cumulative survival probability curve – cemented implants



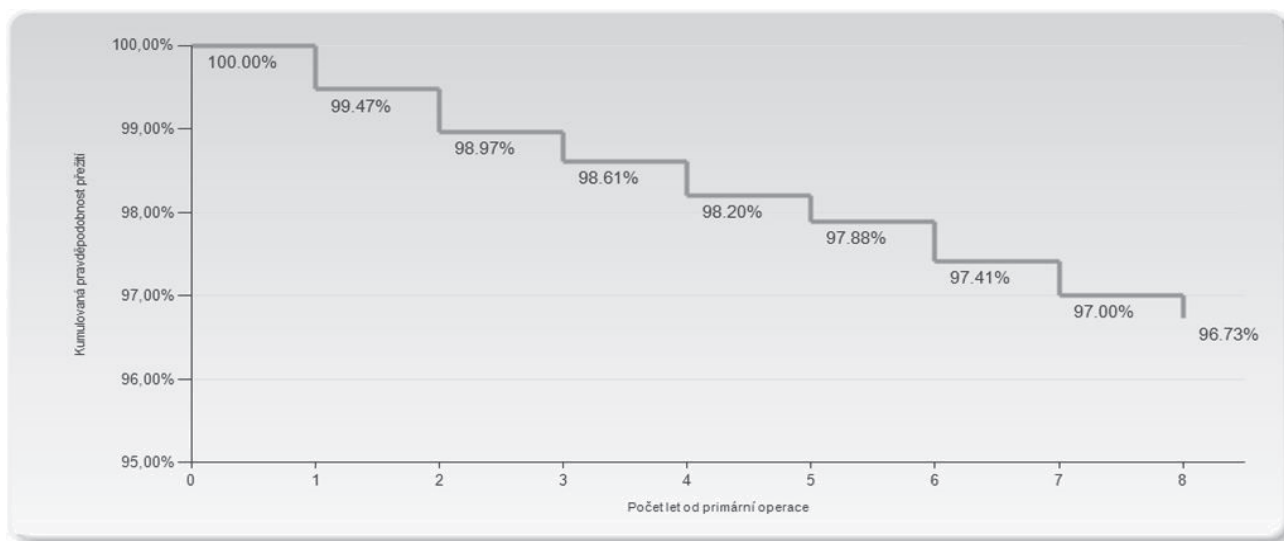
Gender All
Joint Hip joint
Diagnosis All
Fixation type Cemented
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 51. Cumulative survival probability curve – hybrid cemented acetabular component



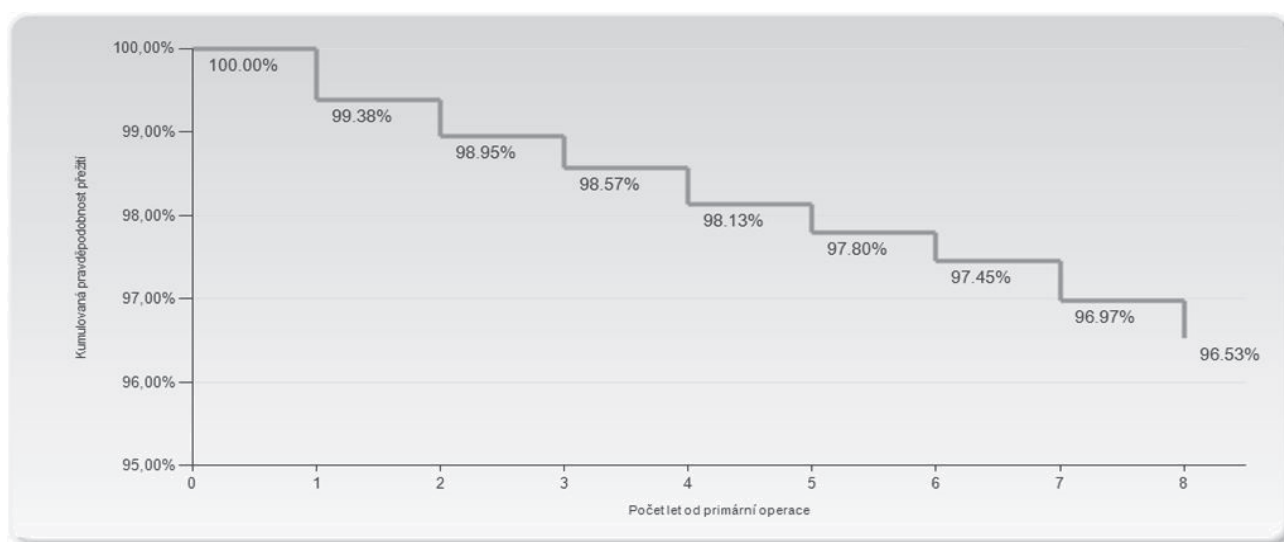
Gender All
Joint Hip joint
Diagnosis All
Fixation type Hybrid- cemented acetabular component
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 52. Cumulative survival probability curve – hybrid cemented femoral component



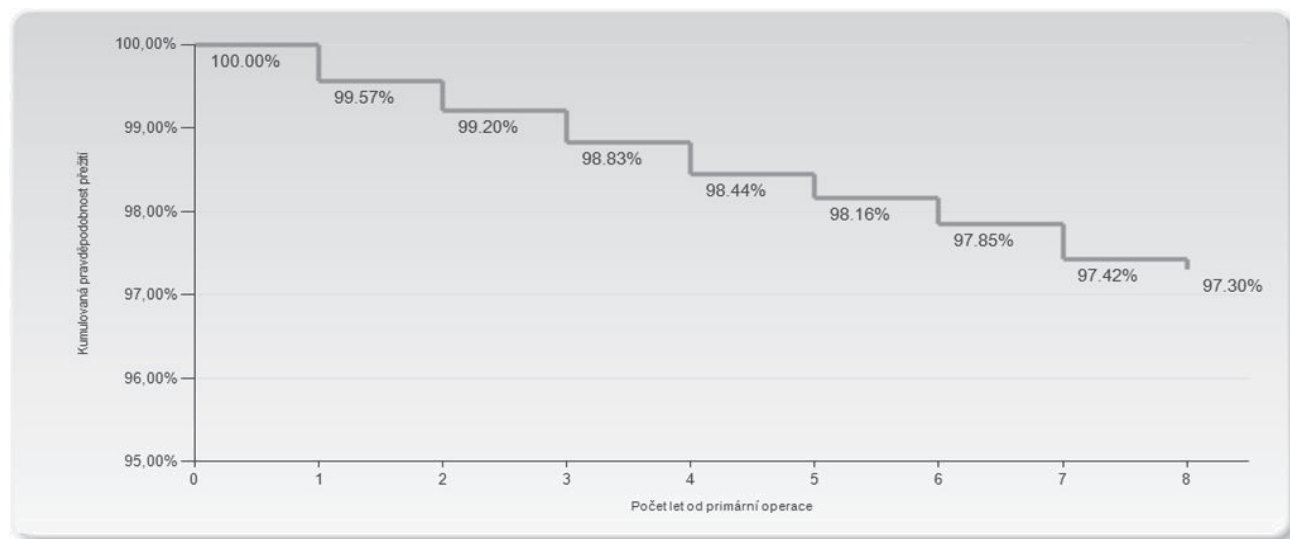
Gender All
Joint Hip joint
Diagnosis All
Fixation type Hybrid- cemented femoral component
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 53. Cumulative survival probability curve – uncemented implants



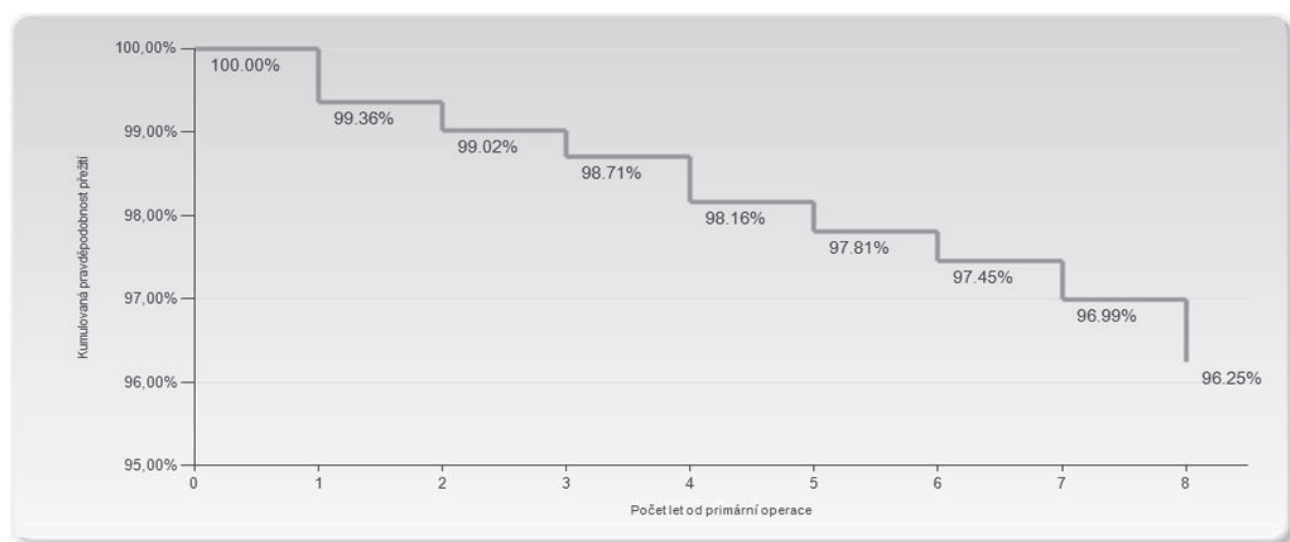
Gender All
Joint Hip joint
Diagnosis All
Fixation type Uncemented
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 54. Cumulative survival probability curve in patients with primary osteoarthritis



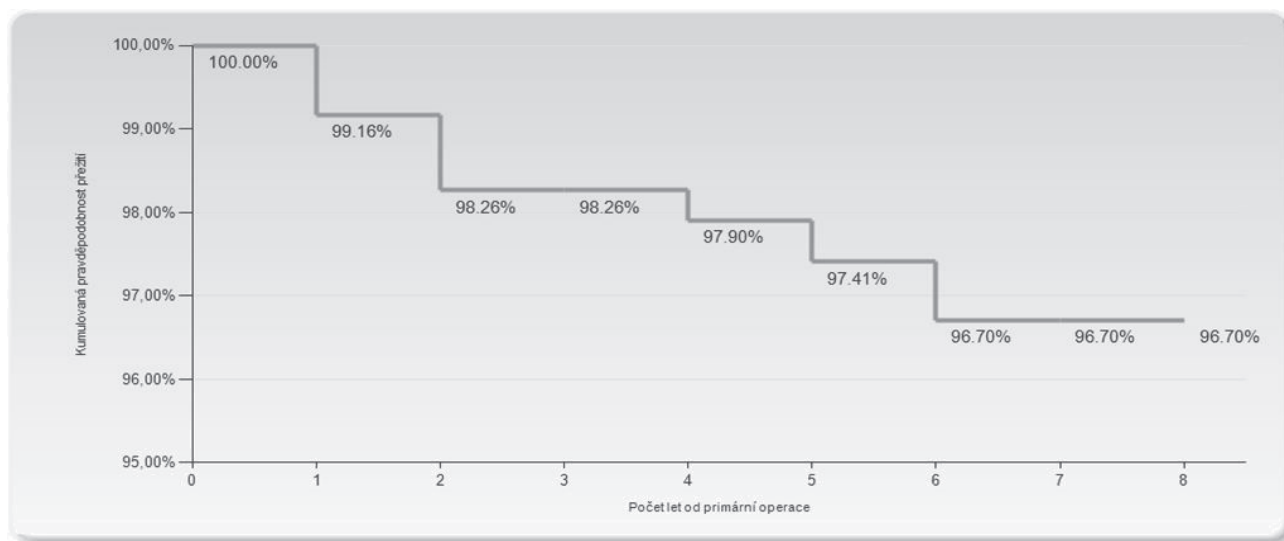
Gender All
Joint Hip joint
Diagnosis Primary osteoarthritis
Fixation type All
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 55. Cumulative survival probability curve in patients after congenital hip displacement



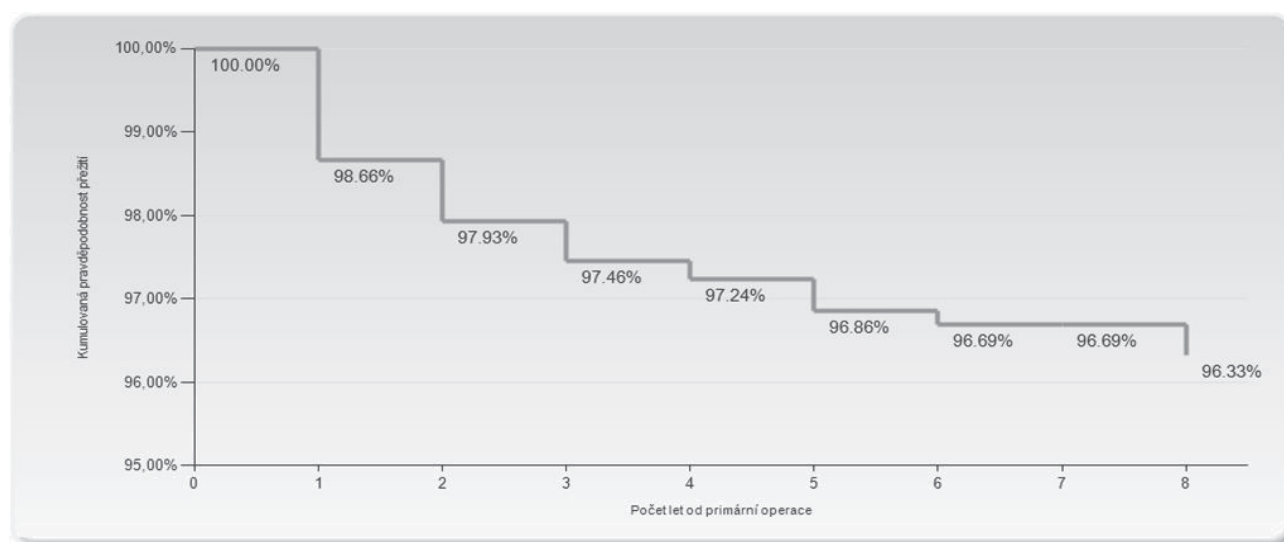
Gender All
Joint Hip joint
Diagnosis Developmental dysplasia of the hip
Fixation type All
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 56. Cumulative survival probability curve in patients with rheumatoid arthritis



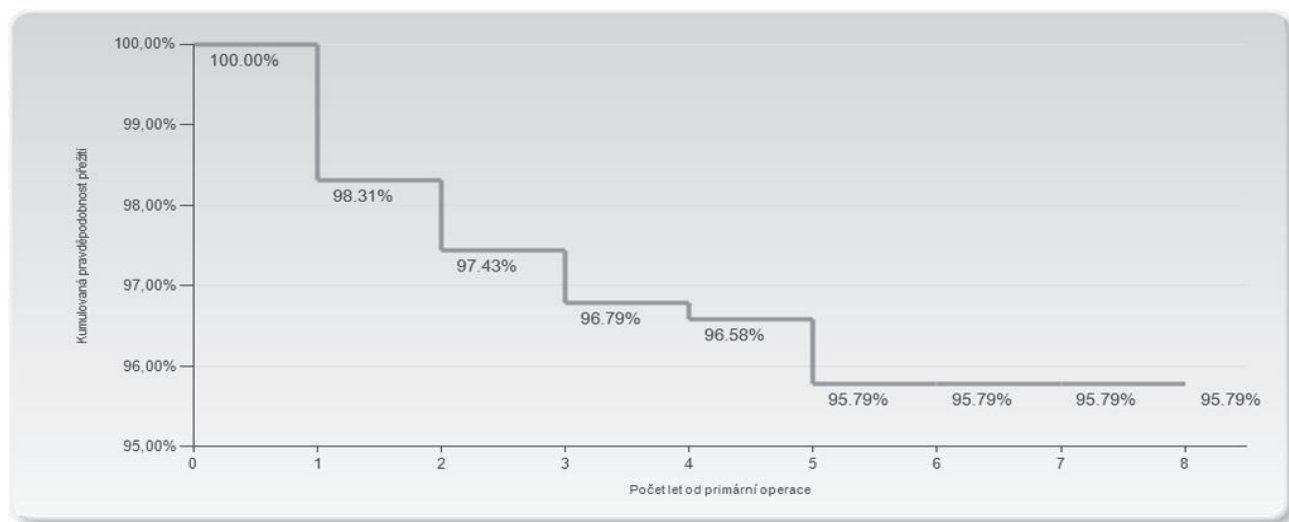
Gender All
Joint Hip joint
Diagnosis Rheumatoid arthritis
Fixation type All
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 57. Cumulative survival probability curve in post fracture status in general



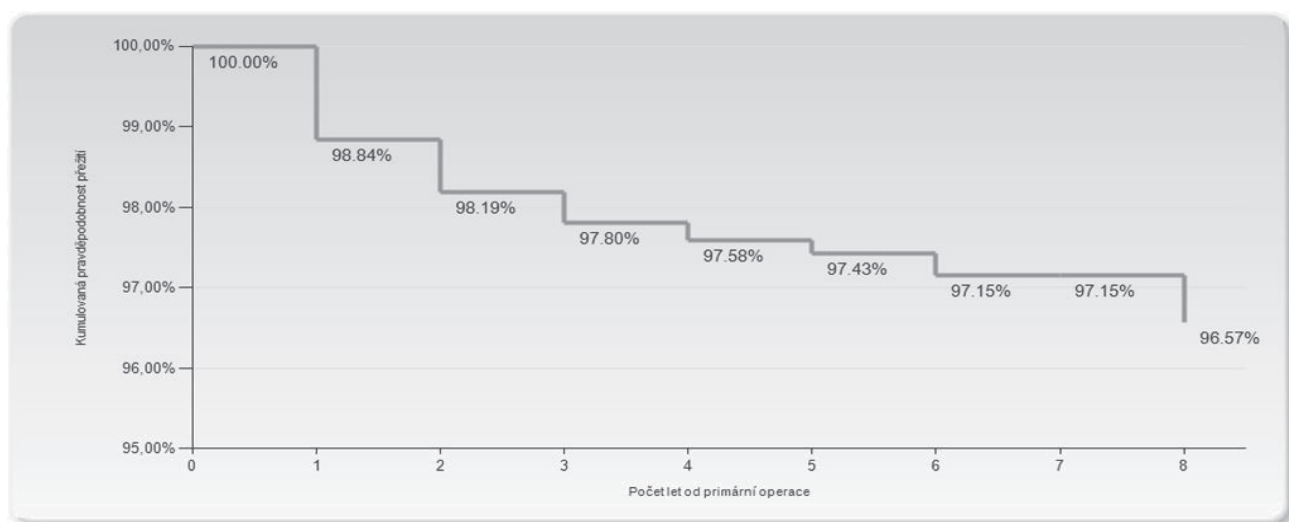
Gender All
Joint Hip joint
Diagnosis Post-fracture
Fixation type All
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 58. Cumulative survival probability curve in post fracture status in males



Gender Male
Joint Hip joint
Diagnosis Post-fracture
Fixation type All
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009

Graph 59. Cumulative survival probability curve in post fracture status in females



Gender Female
Joint Hip joint
Diagnosis Post-fracture
Fixation type All
Follow-up time 2003, 2004, 2005, 2006, 2007, 2008, 2009