

Counter-Point Competition

Metal Megs vs. Biologics

G.Gosheger



Jack Nicklaus (77 y)

„The Golden Bear“

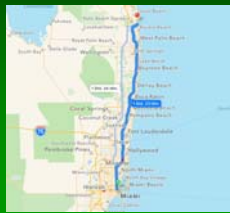


Jack Nicklaus (77 y)

- 6 Masters- win / 18 Major-wins
- Januar 1999 EPR hip
- Bierbaum, Baptist Hospital, Boston



GG (49 y) meets JN (77 y)



JN is in favour of Metal

Author	Year	n	Follow-up [y]	Survival
Comba	2006	142	4,3 (2-13)	95,8%

Van Haaren	2007	71	7,2 (1,6-9,7)	72%
Pereira	2006	21	8,1 (2,5-17)	80%
Schreurs	2004	61	16,5 (15-20)	79%
Ng	2003	47	4,8 (2,6-7,8)	81%



JN is in favour of Metal

Author	Year	n	Follow-up [y]	Survival
Kawanabe	2007	17	8,7 (4,3-12)	82%
Wedemeyer	2007	36	7 (0,5-12)	89%
Piriou	2005	103	10 (5-16)	89%
Saxler	2005	15	7,9 (1,6-11)	87%
Sporer	2005	23	10,3 (4-18,6)	74%



Strut Allograft



JN is in favour of Metal

Trabecular Metal for Small defects

Author	Year	n	Follow-up (y)	survival
Lakstein	2009	53	2-5	96%
Davies	2011	46	2-6	97%
Kleunen	2009	97	2-6	98%
Skyttä	2011	827	3	92%



JN is in favour of Metal

Trabecular Metal for Small defects



34 y. f;
Implantation
10 y ago



JN is in favour of Metal

Jumbo Cups for medium defects

Author	Year	n	Cup sz. (mm)	Follow-up (y)	Survival
Jasty	1998	19	70-80	8-11	95%
Hendricks	2006	18	66-72	12-16	83%
Whaley	2001	89	>62	5-11	93%
Ito	2003	83	---	5-13	95%



JN is in favour of Metal

Acetabular Cage for Big defects

Author	Year	n	Follow-up (y)	Survival
Münster Data	2016	112	6,5	93,7%
Symeonides	1997	22	8	100%
Böhm	1999	26	11	92,4%
Winter	2001	41	7,3 (4,2-9,4)	100%
Perka	2001	38	5,45	95,2%
Pferring	2006	67	4,1	94,1 %



JN is in favour of Metal

For catastrophes



JN is in favour of Metal

For catastrophes

- 54 patients (age 57 y, FU 29 months)
- 9% cemented stem
- 49% revision operation
- 7% fracture
- 9% implant removal
- 5-y implant survival 86%



Bus et al. 2015



JN is in favour of Metal

For Ultima Ratio



Looking forward to your rebuttal

3 slides coming up !!!