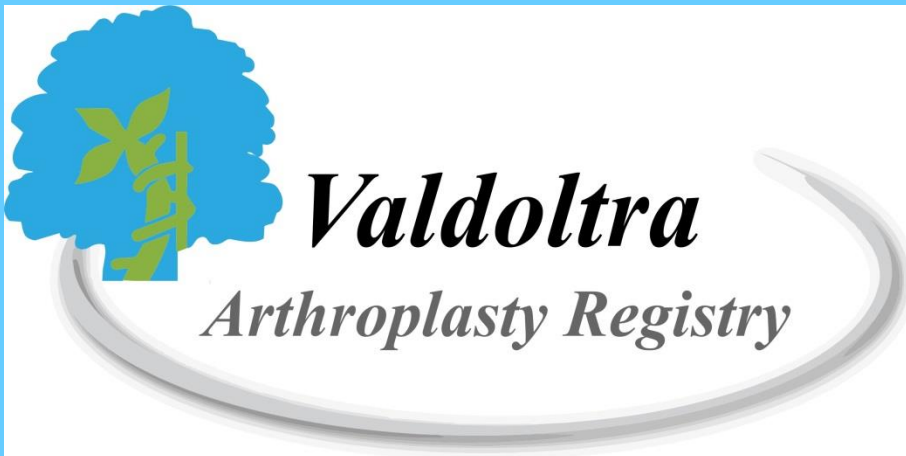
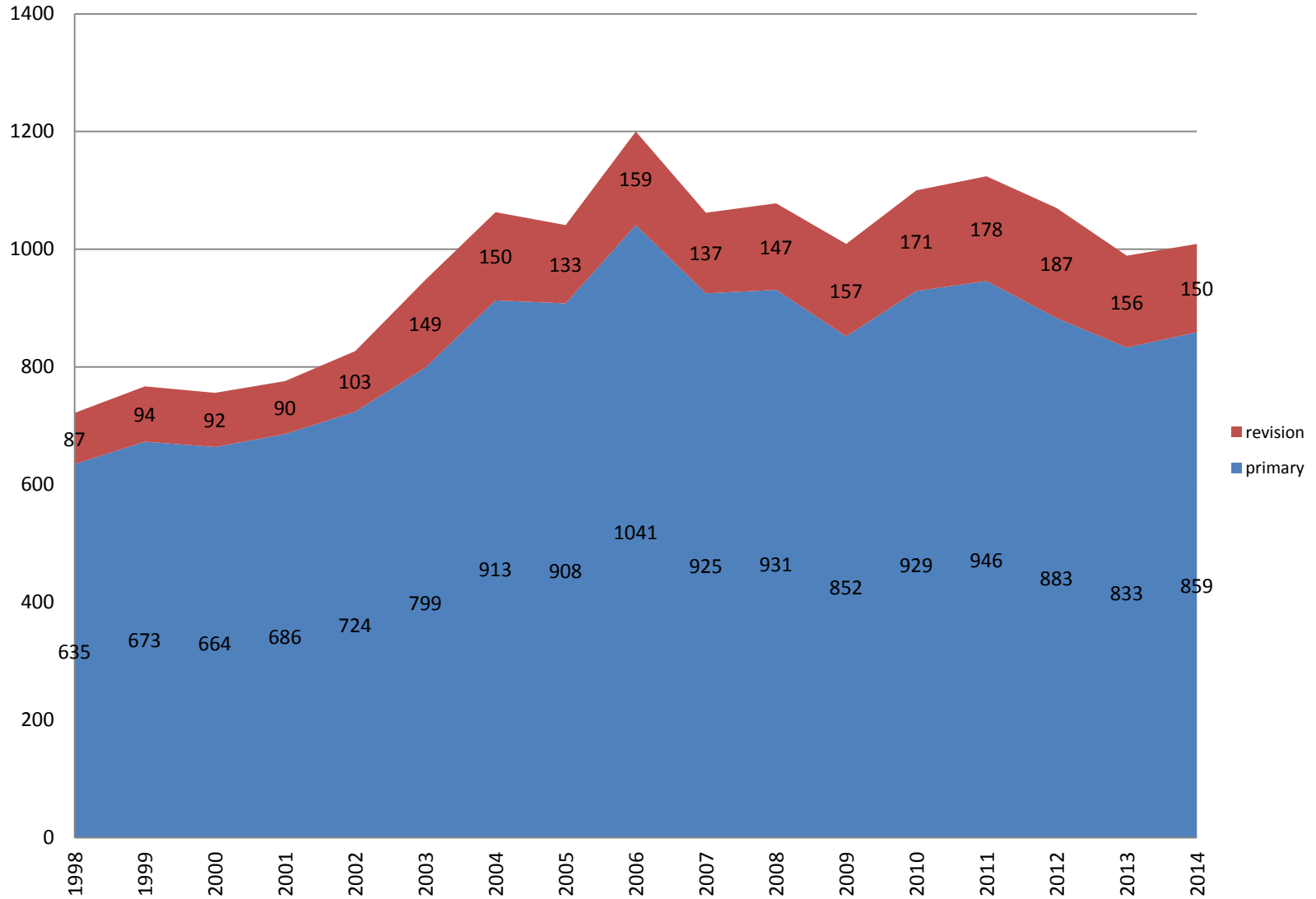


VALDOTRA HIP ARTHROPLASTY REGISTRY REPORT 2014



Vesna Levašič, MD,
prof. Ingrid Milošev, PhD
November 30, 2016,
Ankaran, Slovenia

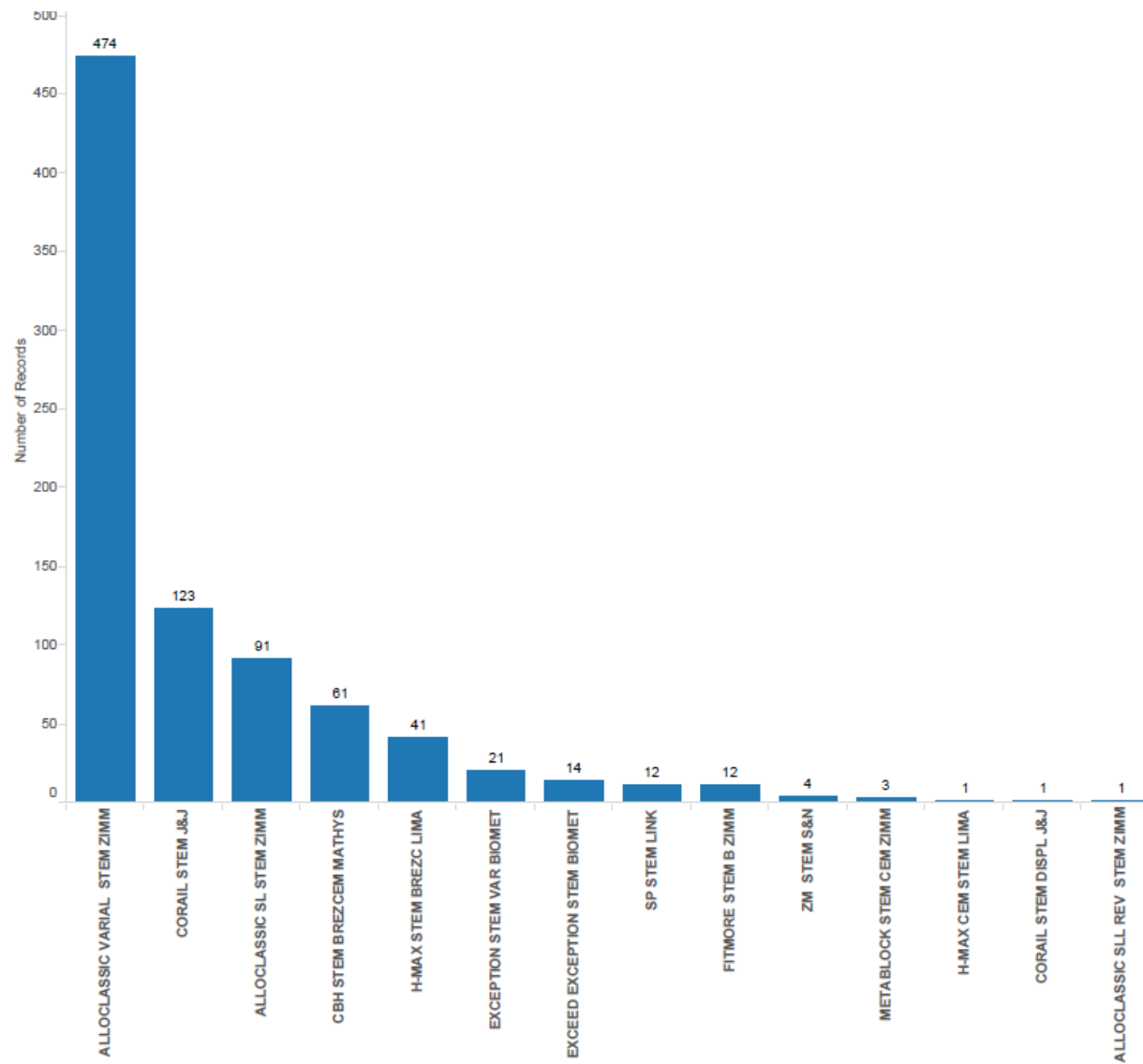
Primary and revision THR by year



Patient data 2014

- men to women = 47% oz. 53%
- avg age = 63 let moški in 66 let ženske
- right to left hip = 55% oz. 45%
- 80 % overweight or obese (BMI > 25)
- preoperative Harris Hip Score = 56 points
- 80 % primary osteoarthritis preoperatively
- operative approach: in 94 % direct lateral

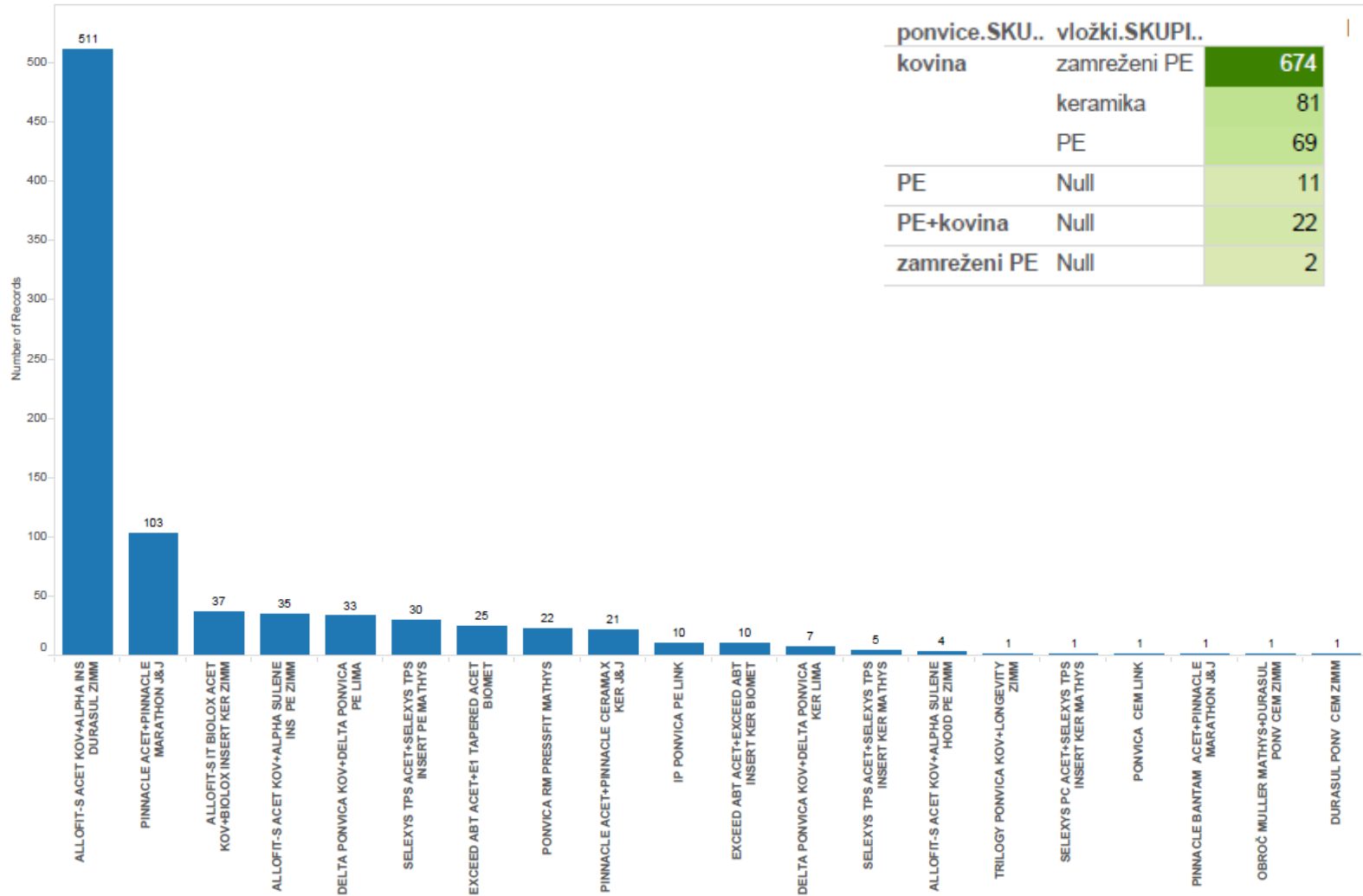
PRIMARY STEMS IN 2014, SUM 859



Sum of Number of Records for each SPLOŠNO IME.

PRIMARY ACETABULAR COMPONENTS IN 2014, sum 859

SPLOŠNO IME

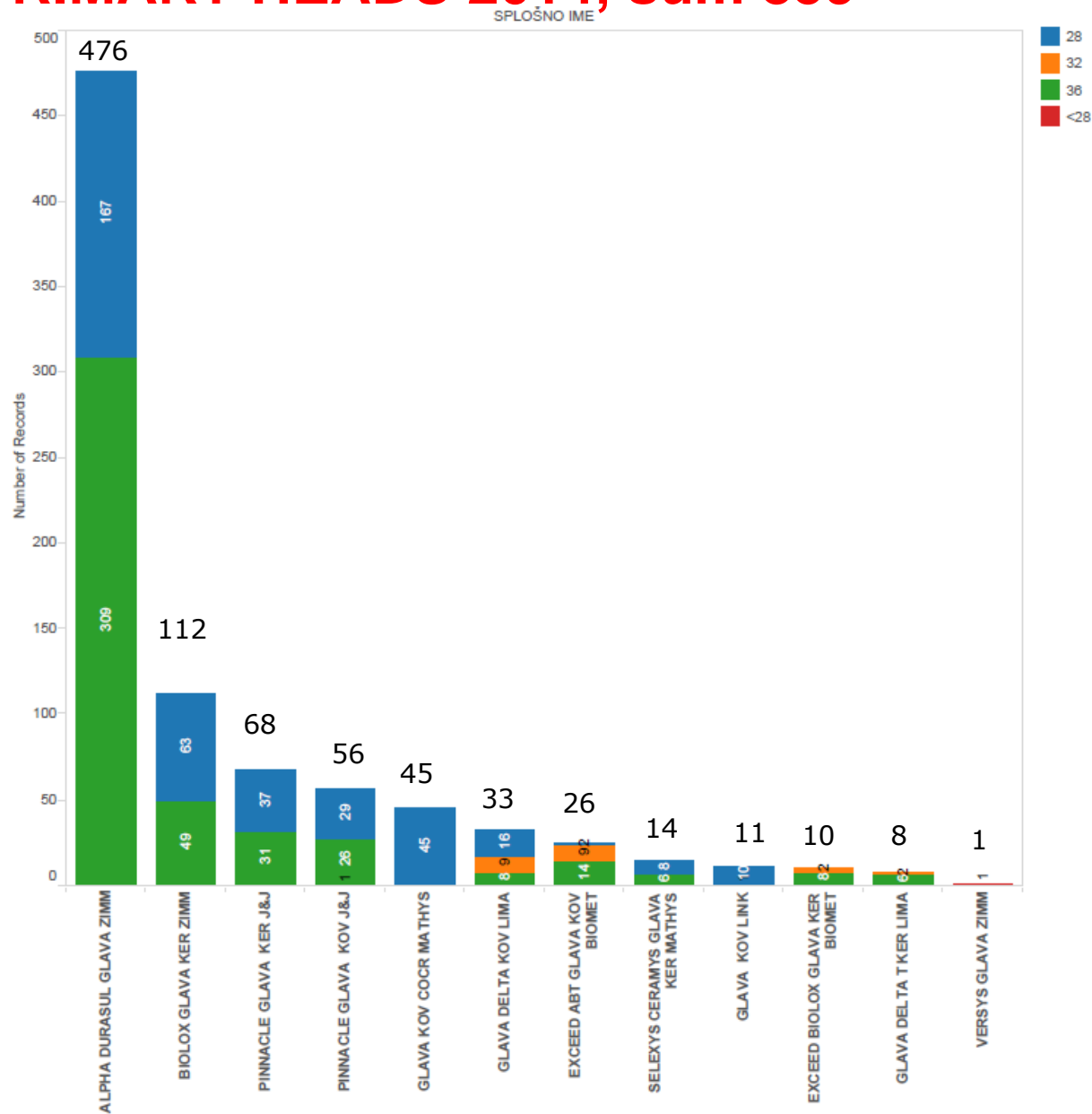


Sum of Number of Records for each SPLOŠNO IME.

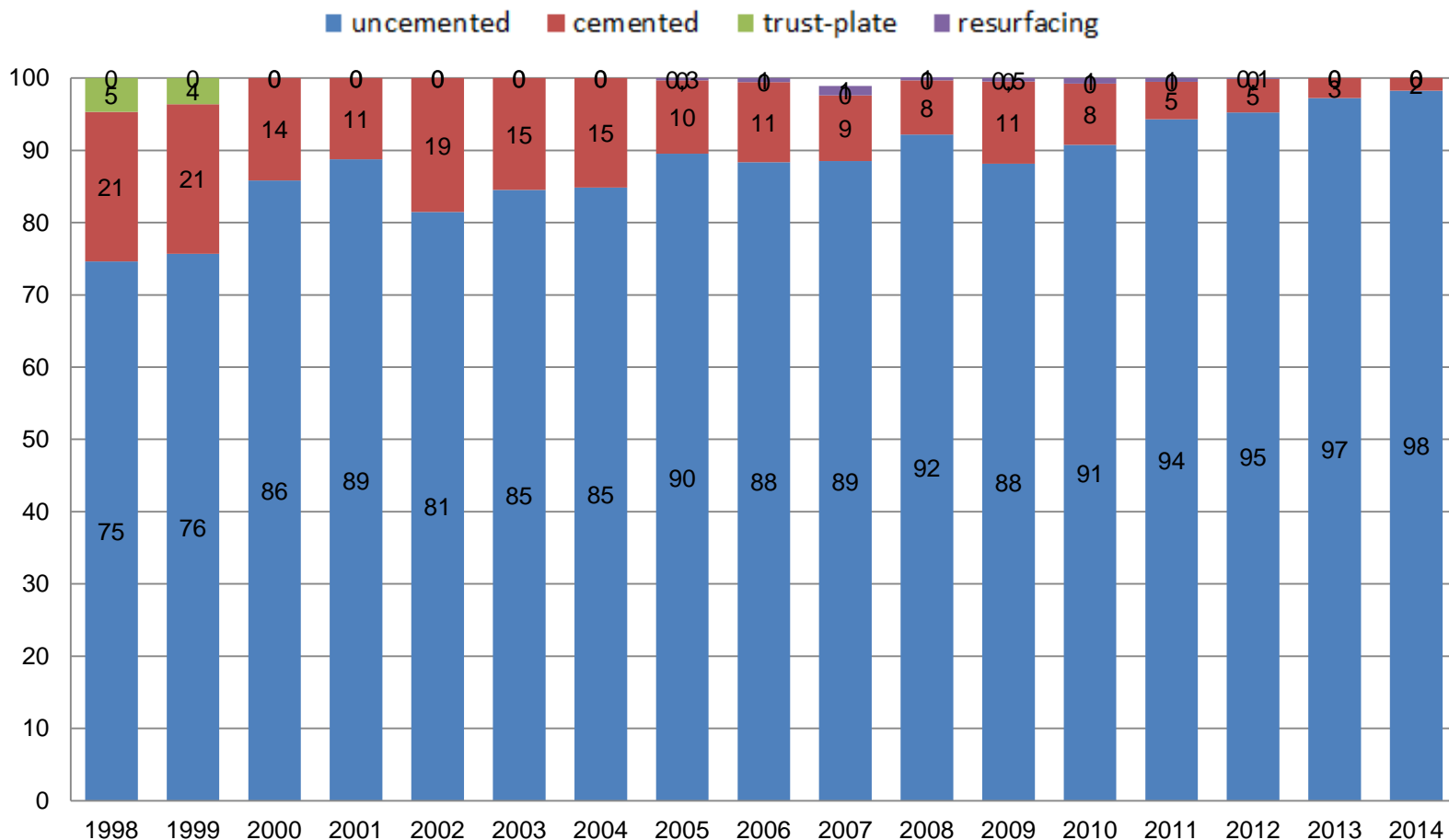
ponvice.SKU..	vložki.SKUPL.	
kovina	zamreženi PE	674
	keramika	81
	PE	69
PE	Null	11
PE+kovina	Null	22
zamreženi PE	Null	2

676 (79%) from X-linked polyethilen: 674 press fit, 2 cemented

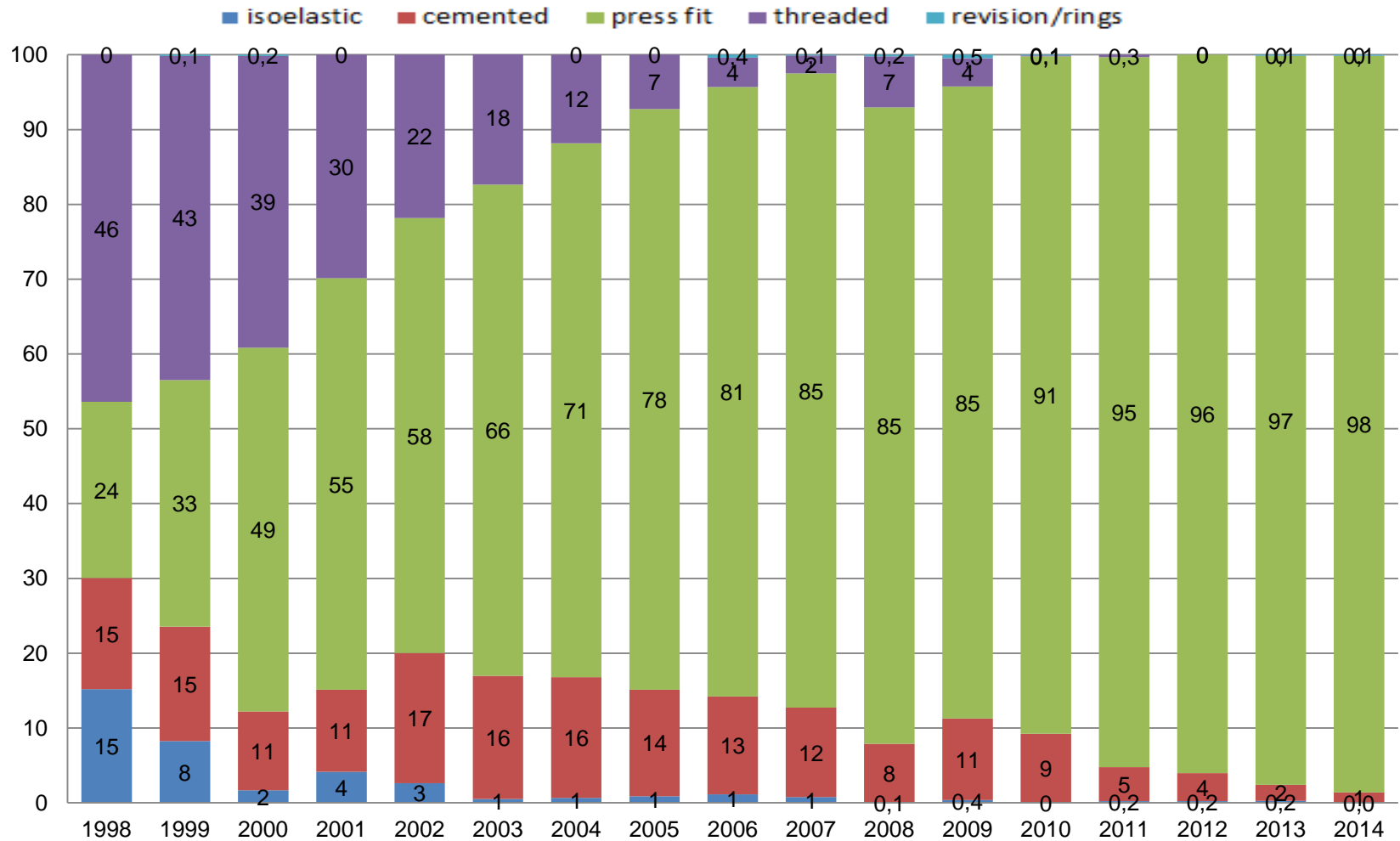
PRIMARY HEADS 2014, sum 859



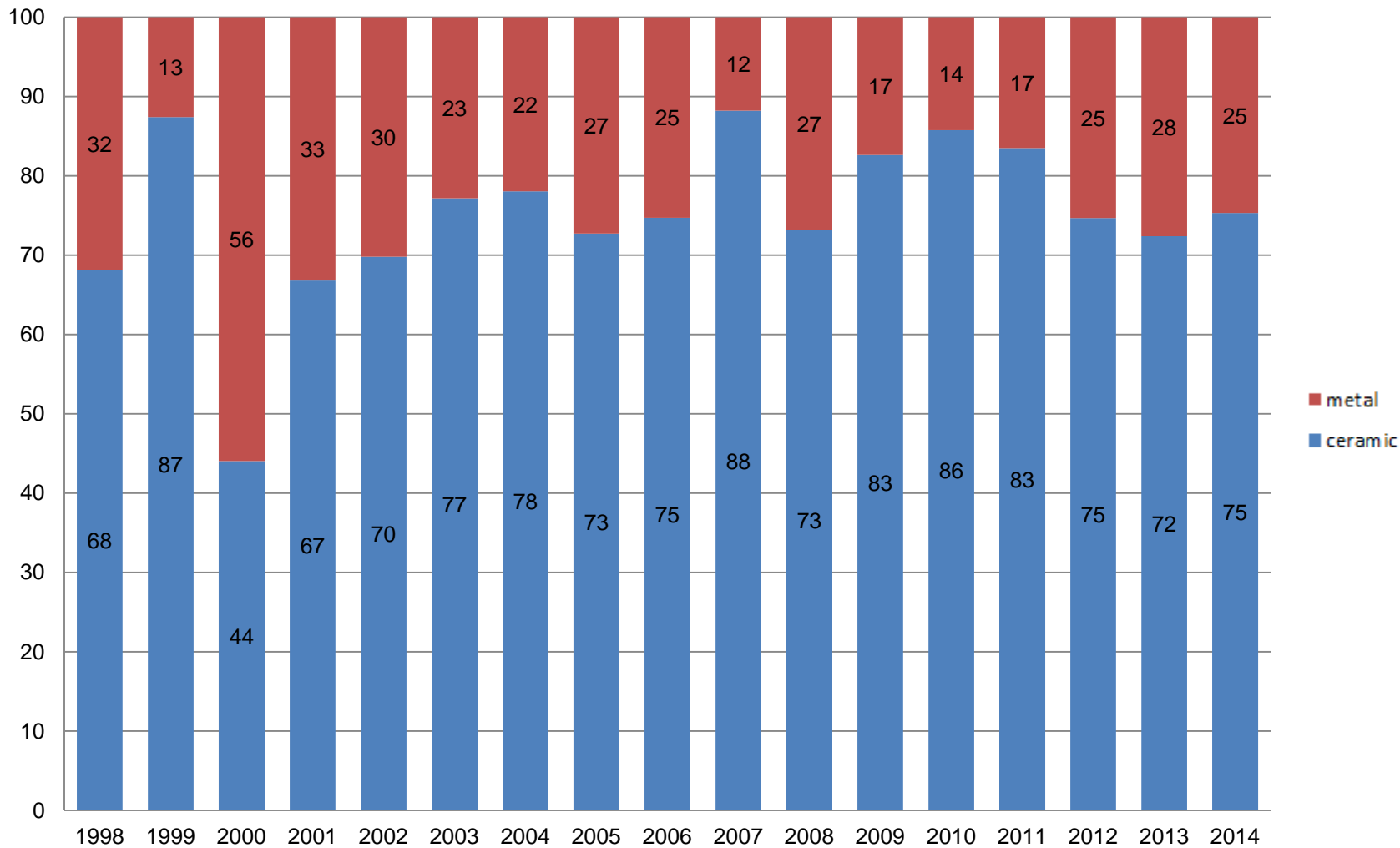
Cemented, uncemented stems, trust-plate and resurfacing prostheses 1998 - 2014



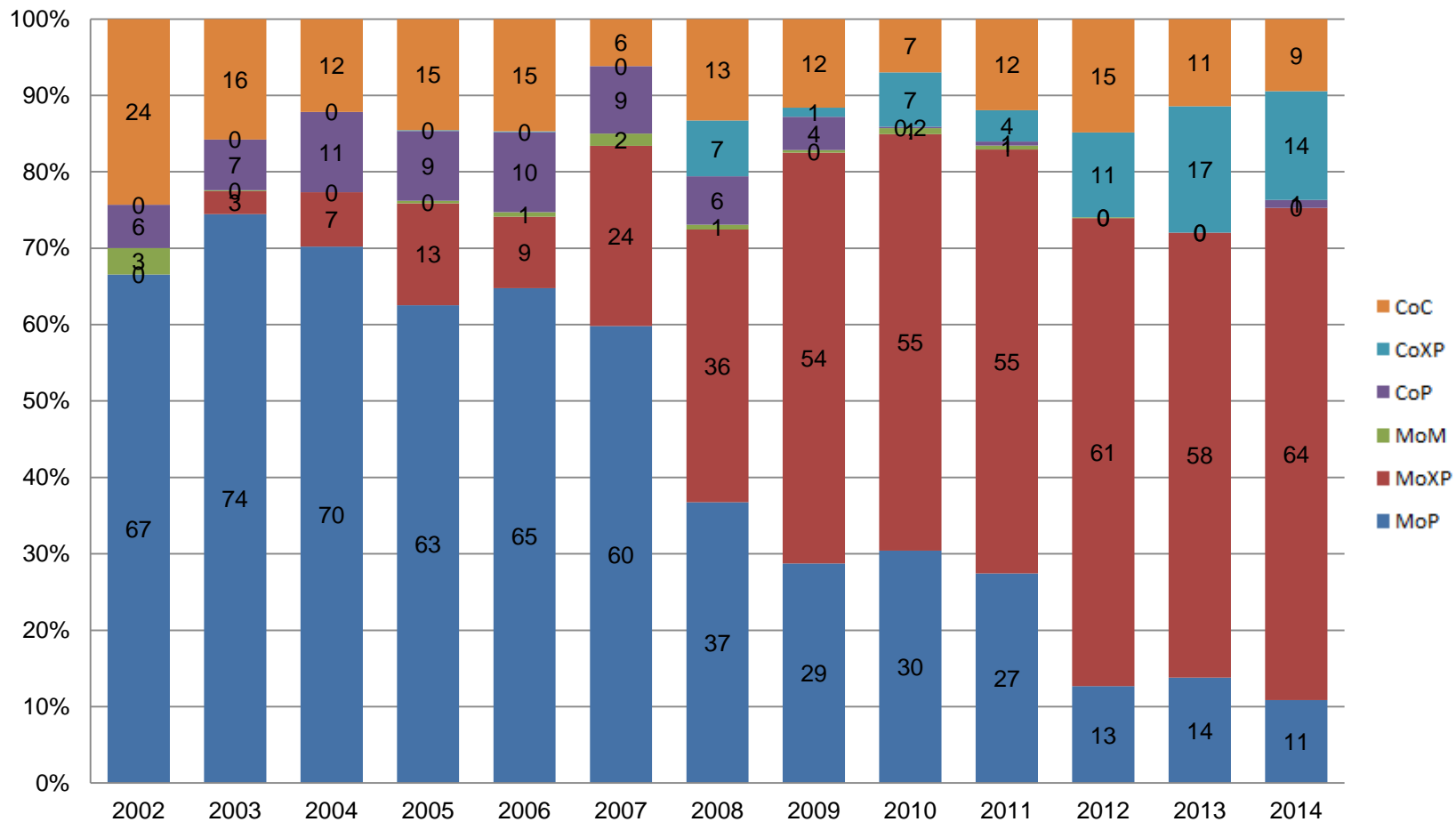
Primary cups by fixation 1998 - 2014



Percentage of metal and ceramic heads 1998 - 2014

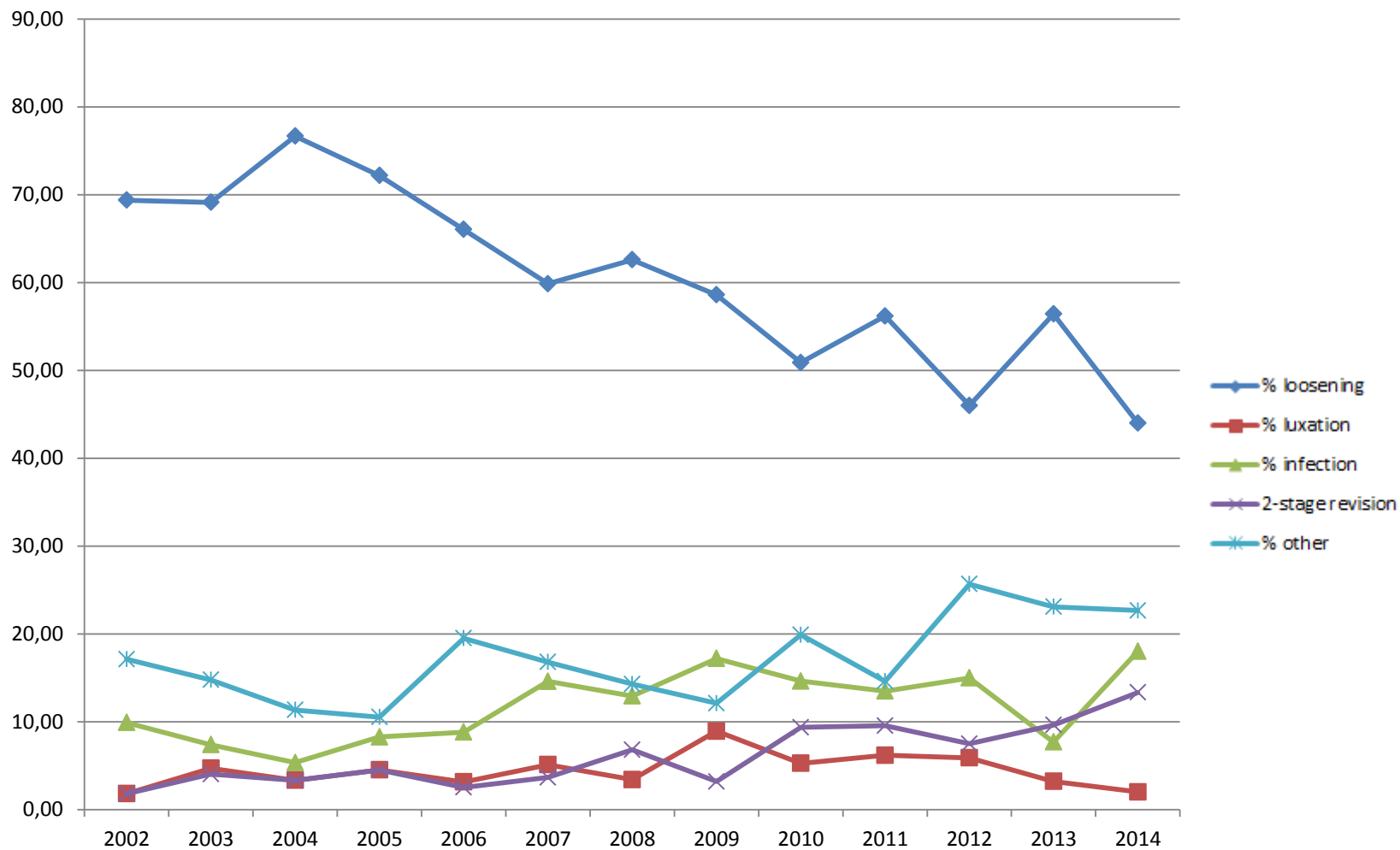


Bearing surface 2002 - 2014



REVISION OPERATIONS

Reasons for revision THR from 2002 to 2014



Revision burden for Valdotra till 2014

	št. revizij x 100 / (št. primarnih+št. revizij kolka v tem letu)	št.revizij zaradi okužbe x 100 / (št. primarnih+št. revizij kolkov v tem letu)
2002	10,91	1,20
2003	12,66	0,63
2004	11,48	0,66
2005	11,14	0,67
2006	11,75	1,17
2007	11,68	1,79
2008	11,60	1,21
2009	13,59	1,79
2010	12,91	1,55
2011	13,17	1,51
2012	13,74	2,15
2013	13,06	1,01
2014	14,78	2,08
Povprečno OBV	12,50 %	1,34 %
Avstralija NJRR 12	12,01 %	1,51 %
Švedska 12	10,66 %	2,92 %

Revisions per 100 observed component years - hips

Year	Mean FU (years)	Revision rate	Number of primaries	N°of all revisions	N°of first revisions in this FU	Revision rate in this FU period	Observed component years	Revisions per 100 observed component years
2002	0,53	12,45	724	103	6	0,73	384	1,56
2003	0,97	14,20	1523	252	14	0,79	1482	0,94
2004	1,41	14,16	2436	402	24	0,85	3428	0,70
2005	1,88	13,79	3344	535	30	0,77	6302	0,48
2006	2,31	13,66	4385	694	49	0,96	10140	0,48
2007	2,82	13,53	5310	831	75	1,22	14970	0,50
2008	3,32	13,55	6241	978	103	1,43	20749	0,50
2009	3,86	13,79	7093	1135	147	1,79	27410	0,54
2010	4,36	14,00	8022	1306	192	2,06	34961	0,55
2011	4,84	14,20	8968	1484	247	2,36	43442	0,57
2012	5,37	14,50	9851	1671	305	2,65	52888	0,58
2013	5,91	14,60	10684	1826	348	2,78	63182	0,55
2014	6,43	14,62	11543	1976	400	2,96	74250	0,54

Revision rate for femoral stems from 2002 to 2014 15

Ime	vsi primarni stemi	odstranjeni	% revizij
cem Conserve Wright	44	0	0,00
Fitmore Zimmer	34	0	0,00
cem SP Lubinus Link	661	1	0,15
Corail Jo&J	848	2	0,24
Alloclassic SL stem Zimmer	195	1	0,51
Exception stem Biomet	111	1	0,90
Varial Alloclassic Zimmer	3076	35	1,14
H-MAX stem Lima	82	1	1,22
Fiber Metal Zimmer	69	1	1,45
C2 LIMA	279	6	2,15
Basis SL Smith&Nephew	44	1	2,27
ZM Endoplus	2682	61	2,27
AHS Cremascoli	86	2	2,33
Versys Zimmer	1017	24	2,36
CBH stem Mathys	252	6	2,38
Elite Plus Jo&J	76	2	2,63
Profemur Z Cremascoli	1104	35	3,17
rebrasta LINK	135	5	3,70
cem Metabloc Zimmer	24	1	4,17
Pipino FP LINK	69	3	4,35
Copf (Chendo+Unior)	128	8	6,25
ATL Unior	17	2	11,76

Revision rate for acetabular components from 2002 to 14

ime	vse primarne	odstranjene	% revizij
Conserve Wright	47	0	0,00
press fit Exceed ABT Blomet	118	0	0,00
press fit Selexys Mathys	67	0	0,00
press fit Pinnacle Jo&J	591	1	0,17
press fit Duraloc Jo&J	388	1	0,26
cem IP Link	307	1	0,33
press fit Delta Lima	367	2	0,54
press fit Allofit Zimmer	4215	35	0,83
press fit MPF Endoplus	212	2	0,94
cem Apollo Biomet	174	2	1,15
press fit RM Mathys	239	3	1,26
press fit Procoty Wright	149	2	1,34
press fit Trilogy Zimmer	1711	23	1,34
cem Surgival	105	2	1,90
press fit Mallory Biomet	51	1	1,96
press fit ANCA Crem	37	1	2,70
cem Durasul Zimmer	67	2	2,99
cem LIMA	339	12	3,54
press fit Pipino CFP Link	444	16	3,60
press fit SPH Lima	46	2	4,35
cem S&N	45	2	4,44
press fit EHS-E Crem/Wright	317	17	5,36
navojna Bicon Endoplus	619	34	5,49
cem Ultima Jo&J	60	5	8,33
press fit DOETS Endoplus	515	50	9,71
izoelastična Mathys	59	6	10,17

Removed components

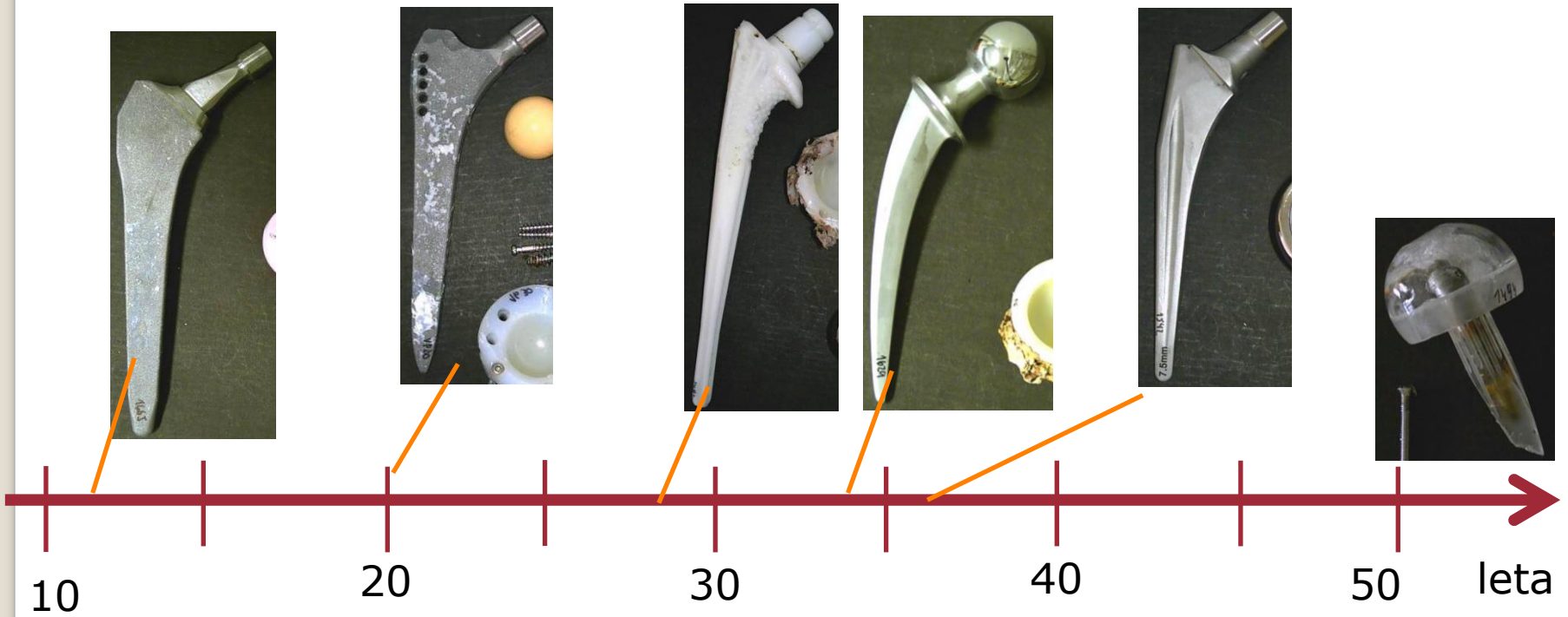
Revision for corrosion(trunionosis)



Implant fracture – ceramic components



„The longest time in situ“





Valdoltra
Arthroplasty Registry