



# 2nd RES (The National Arthroplasty Registry of Slovenia) Annual report

Data on Hip and Knee Replacement from 2020

# The National Arthroplasty Registry of Slovenia (RES) 2st Annual Report - Hip Replacement (data from 2020)

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The National Arthroplasty Registry of Slovenia- RES

Registry Holder: Valdoltra Orthopaedic Hospital

November 2021



# Registry completeness: 92 % of all Primary and Revision Hip Replacements in Slovenia

Year	Primary Total HR	Primary Partial HR	Revision HR	Total
2020	3073	504	305	3882

## Demographic data:

Surgery 2020	Average Age( $\pm$ SD)	Men (%)	Women (%)	Right (%)	Left (%)
Primary Total HR	68 ( $\pm$ 11)	46	54	54	46
Primary Partial HR	83 ( $\pm$ 8)	30	70	48	52
Revision HR	73 ( $\pm$ 11)	39	61	55	45

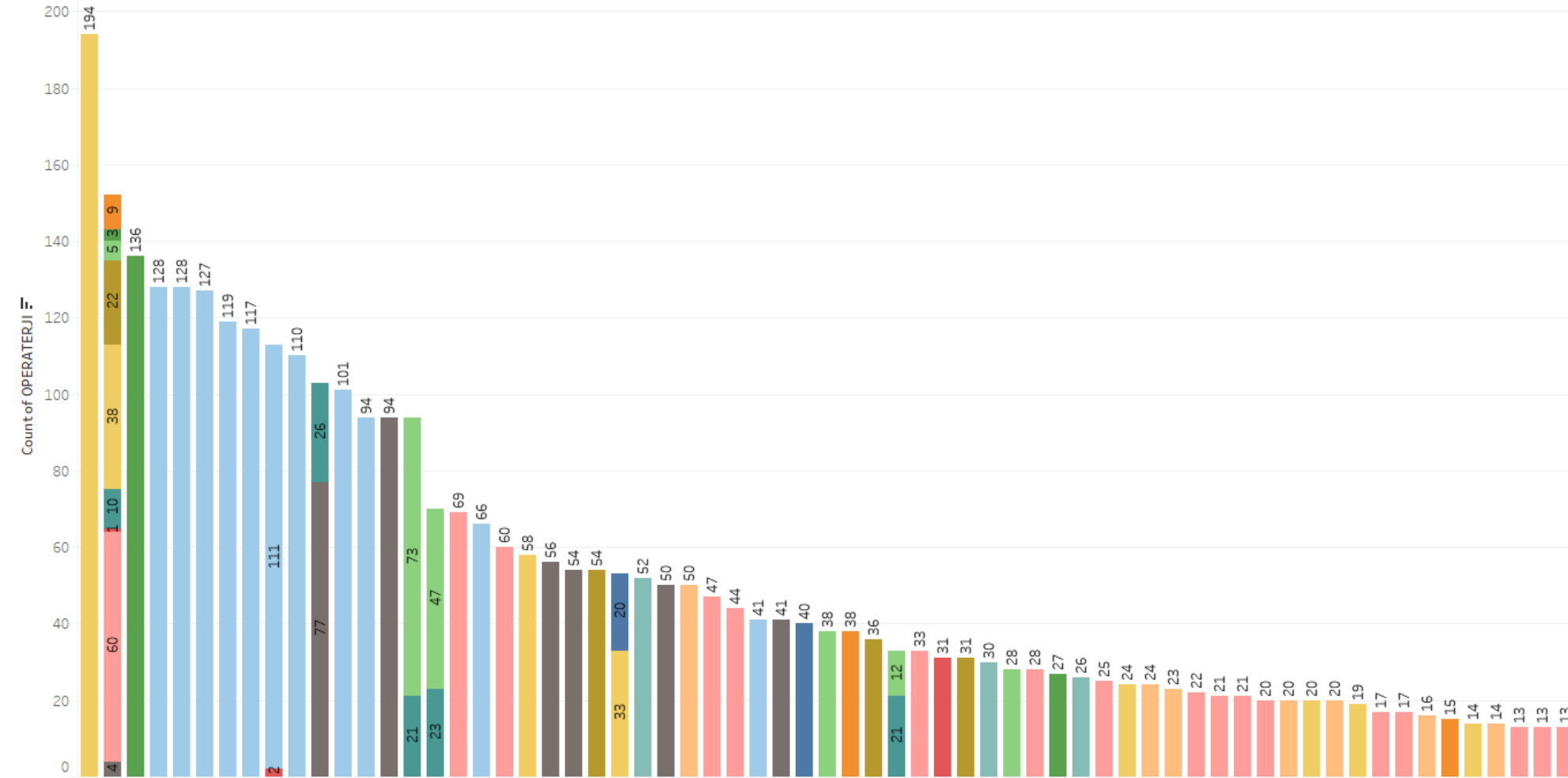
# N° of operations per surgeon (primary and revision)

OPERATERJI

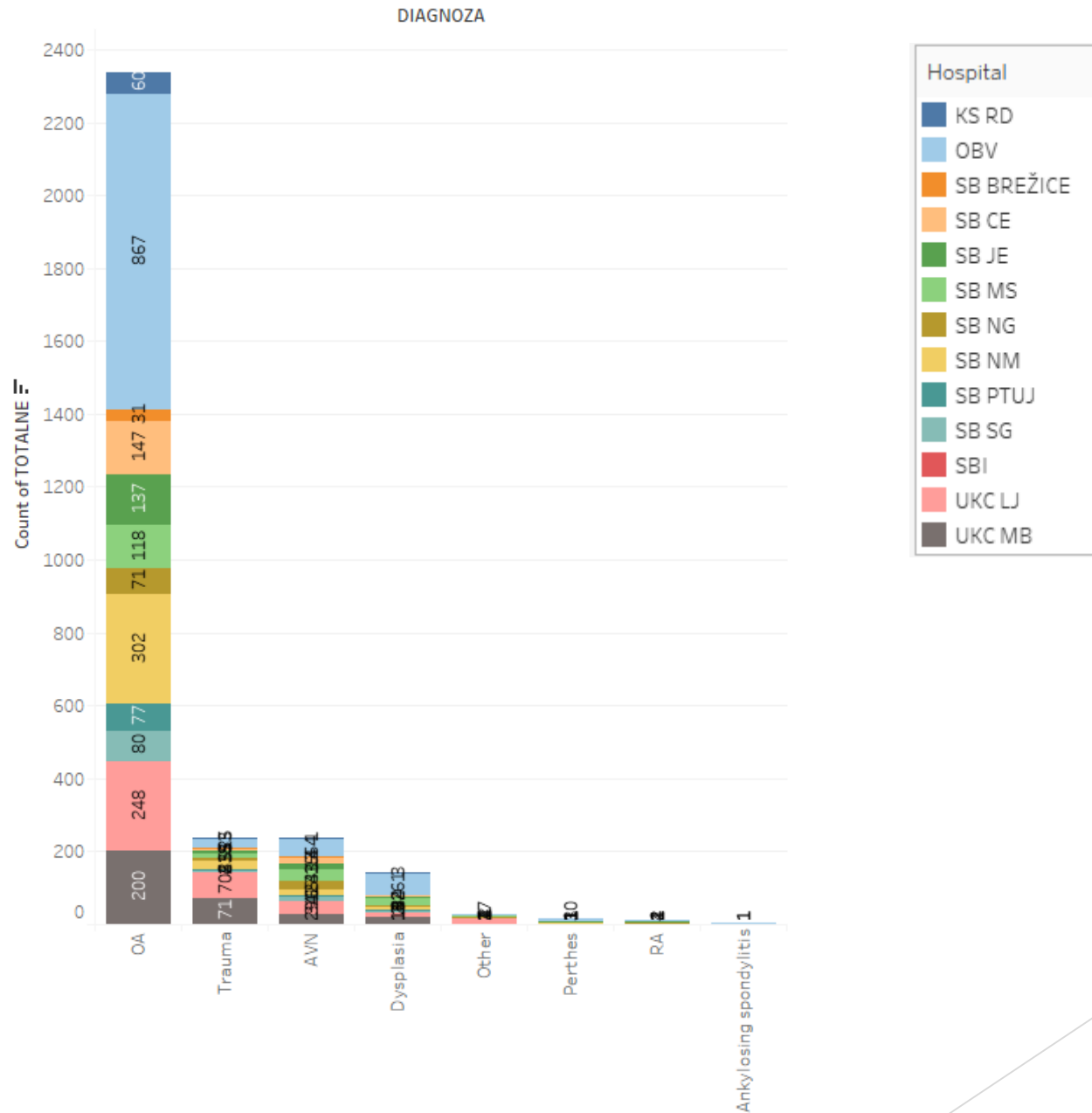
OPERATER-št

Hospital

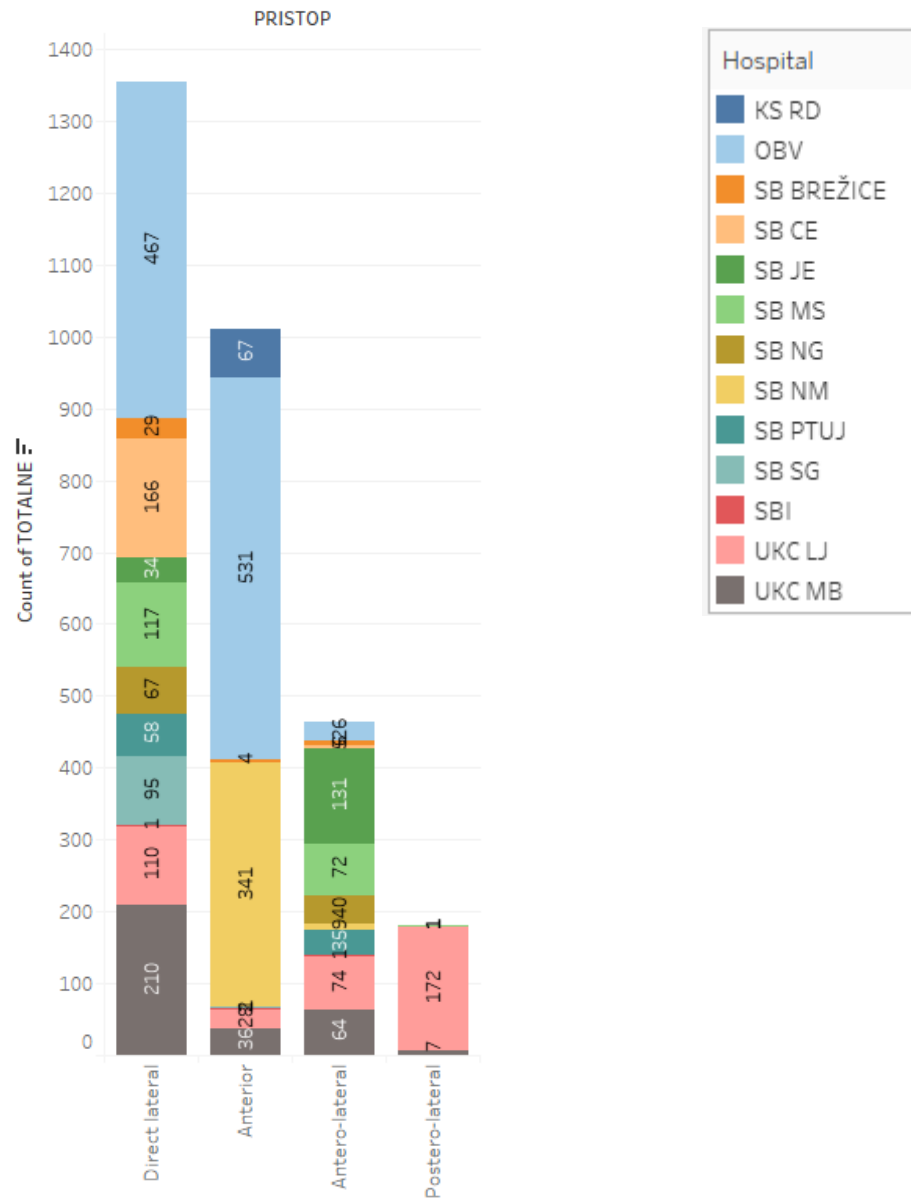
- KS RD
- OBV
- SB BREŽICE
- SB CE
- SB JE
- SB MS
- SB NG
- SB NM
- SB PTUJ
- SB SG
- SBI
- UKC LJ
- UKC MB



# THR by preoperative diagnoses



# THA approach



# Cemented THA 2019-20

<b>Cemented</b>	<b>180</b>	<b>2</b>	<b>1,11%</b>
<b>Lubinus SPII-LINK:IP Cup, PE-LINK</b>	<b>94</b>	<b>2</b>	<b>2,13%</b>
CoP	63	2	3,17%
MoP	31		
<b>Lubinus SPII-LINK:IP Cup, XPE-LINK</b>	<b>29</b>		
MoXP	29		
<b>Lubinus SPII-LINK:Muller cem-MERETE MEDICAL</b>	<b>21</b>		
CoP	19		
MoP	2		
<b>Lubinus SPII-LINK:Polarcup cem-SMITH-NEPHEW</b>	<b>36</b>		
MoP	36		

Combinations with less than 20 cases are not shown.



# Hybrid THA 2019-20

<b>Hybrid</b>	<b>48</b>	<b>0</b>
<b>Lubinus SPII-LINK:Allofit-ZIMMER</b>	<b>48</b>	
CoC	3	
CoXP	19	
MoXP	26	



Combinations with less than 20 cases are not shown.

# Reverse hybrid THA 2019-20

<b>Reverse hybrid</b>	<b>57</b>	<b>4</b>	<b>7,02%</b>
<b>Apta Fix-ADLER ORTHO:IP Cup, XPE-LINK</b>	<b>36</b>	<b>3</b>	<b>8,33%</b>
CoXP	33	3	9,09%
MoXP	3		
<b>EcoFit-IMPLANTCAST:Polarcup cem-SMITH-NEPHEW</b>	<b>21</b>	<b>1</b>	<b>4,76%</b>
MoP	21	1	4,76%

Combinations with less than 20 cases are not shown.

<b>Uncemented</b>	<b>5988</b>	<b>87</b>	<b>1,45%</b>
<b>Acor-AMPLITUDE:Saturne II Dual Mobility-AMPLITUDE</b>	<b>46</b>		
CoP	9		
MoP	37		
<b>Alloclassic-ZIMMER:Allofit IT-ZIMMER</b>	<b>113</b>	<b>1</b>	<b>0,88%</b>
CoC	98	1	1,02%
CoXP	6		
MoXP	9		
<b>Alloclassic-ZIMMER:Allofit-ZIMMER</b>	<b>1338</b>	<b>20</b>	<b>1,49%</b>
CoC	26	1	3,85%
CoP	24		
CoXP	749	12	1,60%
MoP	18		
MoXP	521	7	1,34%
<b>Apta Fix-ADLER ORTHO:Fixa Larus-ADLER ORTHO</b>	<b>425</b>	<b>15</b>	<b>3,53%</b>
CoXP	396	13	3,28%
MoXP	29	2	6,90%
<b>C2-LIMA:Delta PF-LIMA</b>	<b>53</b>	<b>1</b>	<b>1,89%</b>
CoC	1		
CoXP	44	1	2,27%
MoXP	8		

Uncemented THA  
2019-20  
1st part



Combinations with less than 20 cases are not shown.

# Uncemented THA 2019-2020 2nd part

<b>CBH-MATHYS:RM Vitamys-MATHYS</b>	<b>72</b>		
CoXP	49		
MoXP	23		
<b>Corail-DePuy:Pinnacle-DePuy</b>	<b>1217</b>	<b>15</b>	1,23%
CoC	48		
CoXP	712	12	1,69%
MoP	2		
MoXP	455	3	0,66%
<b>EcoFit-IMPLANTCAST:EcoFit Epore-IMPLANTCAST</b>	<b>180</b>	<b>8</b>	4,44%
CoP	92	6	6,52%
CoXP	82	2	2,44%
MoP	3		
MoXP	3		
<b>Evok-AMPLITUDE:Freeliner-EVOLUTIS</b>	<b>137</b>	<b>1</b>	0,73%
CoC	2		
CoXP	135	1	0,74%
CoP	4		
CoXP	3		
<b>Evok-AMPLITUDE:Pinnacle-DePuy</b>	<b>88</b>	<b>2</b>	2,27%
CoC	1		
CoXP	73	1	1,37%
MoXP	14	1	7,14%
<b>Evok-AMPLITUDE:Saturne II Dual Mobility-AMPLITUDE</b>	<b>240</b>	<b>3</b>	1,25%
CoP	154	2	1,30%
MoP	86	1	1,16%



Combinations with less than 20 cases are not shown.

# Uncemented THA 2019-2020 3rd part

<b>Exeption-BIOMET:Avantage cementless-BIOMET</b>	<b>111</b>	<b>2</b>	<b>1,80%</b>
CoP	15		
MoP	95	2	2,11%
MoXP	1		
<b>Exeption-BIOMET:G7-BIOMET</b>	<b>37</b>	<b>2</b>	<b>5,41%</b>
CoP	31	1	3,23%
CoXP	5	1	20,00%
MoXP	1		
<b>H-MAX S-LIMA:Delta PF-LIMA</b>	<b>979</b>	<b>5</b>	<b>0,51%</b>
CoC	99	1	1,01%
CoP	1		
CoXP	626	2	0,32%
MoXP	253	2	0,79%
<b>H-MAX S-LIMA:Delta TT-LIMA</b>	<b>24</b>		
CoXP	16		
MoXP	8		
<b>Minima S-LIMA:Delta PF-LIMA</b>	<b>24</b>	<b>1</b>	<b>4,17%</b>
CoXP	24	1	4,17%
<b>Quadra-H-MEDACTA:Versafit CC Trio-MEDACTA</b>	<b>38</b>	<b>2</b>	<b>5,26%</b>
CoXP	10		
MoXP	28	2	7,14%

Combinations with less than 20 cases are not shown.

# Uncemented THA 2019

## 4th part

<b>SL-PLUS-SMITH-NEPHEW:R3-SMITH-NEPHEW</b>	<b>25</b>		
CoP	4		
CoXP	21		
<b>Taperloc Complete Microplasty-BIOMET:Allofit-ZIMMER</b>	<b>164</b>	<b>2</b>	<b>1,22%</b>
CoC	5		
CoXP	158	2	1,27%
MoXP	1		
<b>Taperloc Complete Microplasty-BIOMET:Delta PF-LIMA</b>	<b>29</b>		
CoC	5		
CoXP	20		
MoXP	4		
<b>Taperloc Complete Microplasty-BIOMET:G7-BIOMET</b>	<b>23</b>		
CoC	4		
CoP	19		
<b>Taperloc Complete Microplasty-BIOMET:Allofit IT-ZIMMER</b>	<b>38</b>		
CoC	14		
CoXP	24		
<b>Taperloc Complete Microplasty-BIOMET:Allofit-ZIMMER</b>	<b>150</b>	<b>2</b>	<b>1,33%</b>
CoXP	123		
MoXP	27	2	7,41%
<b>Taperloc Complete Microplasty-BIOMET:Delta PF-LIMA</b>	<b>34</b>		
CoC	14		
CoXP	18		
MoXP	2		
<b>Taperloc Complete Microplasty-BIOMET:G7-BIOMET</b>	<b>32</b>		
CoC	11		
CoP	13		
CoXP	8		

<b>Taperloc Complete-BIOMET:Allofit-ZIMMER</b>	<b>145</b>	<b>2</b>	<b>1,38%</b>
CoP	35		
CoXP	105	2	1,90%
MoP	2		
MoXP	3		
<b>Taperloc Complete-BIOMET:G7-BIOMET</b>	<b>31</b>	<b>2</b>	<b>6,45%</b>
CoC	2		
CoP	18	2	11,11%
CoXP	9		
MoXP	2		
<b>Tri-Lock-DePuy:Pinnacle-DePuy</b>	<b>104</b>	<b>1</b>	<b>0,96%</b>
CoC	7		
CoXP	60	1	1,67%
MoXP	37		
<b>TwinSys-MATHYS:RM Vitamys-MATHYS</b>	<b>91</b>		
CoXP	90		
MoXP	1		

Combinations with less than 20 cases are not shown.

[-] <b>Taperloc Complete Microplasty-BIOMET:Allofit IT-ZIMMER</b>	<b>14</b>		
CoXP	11		
MoXP	3		
[-] <b>Taperloc Complete Microplasty-BIOMET:Allofit-ZIMMER</b>	<b>164</b>	<b>2</b>	<b>1,22%</b>
CoC	5		
CoXP	158	2	1,27%
MoXP	1		
[-] <b>Taperloc Complete Microplasty-BIOMET:Continuum-ZIMMER</b>	<b>5</b>		
CoXP	5		
[-] <b>Taperloc Complete Microplasty-BIOMET:Delta PF-LIMA</b>	<b>29</b>		
CoC	5		
CoXP	20		
MoXP	4		
[-] <b>Taperloc Complete Microplasty-BIOMET:G7-BIOMET</b>	<b>23</b>		
CoC	4		
CoP	19		
[-] <b>Taperloc Complete Microplasty-BIOMET:Pinnacle Gription-DePu</b>	<b>1</b>		
MoXP	1		
[-] <b>Taperloc Complete Microplasty-BIOMET:Pinnacle Porocoat-DePu</b>	<b>2</b>		
CoXP	2		
[-] <b>Taperloc Complete Microplasty-BIOMET:Allofit IT-ZIMMER</b>	<b>38</b>		
CoC	14		
CoXP	24		
[-] <b>Taperloc Complete Microplasty-BIOMET:Allofit-ZIMMER</b>	<b>150</b>	<b>2</b>	<b>1,33%</b>
CoXP	123		
MoXP	27	2	7,41%
[-] <b>Taperloc Complete Microplasty-BIOMET:Continuum-ZIMMER</b>	<b>5</b>		
CoC	1		
CoXP	4		
[-] <b>Taperloc Complete Microplasty-BIOMET:Delta PF-LIMA</b>	<b>34</b>		
CoC	14		
CoXP	18		
MoXP	2		
[-] <b>Taperloc Complete Microplasty-BIOMET:G7-BIOMET</b>	<b>32</b>		
CoC	11		
CoP	13		
CoXP	8		
[-] <b>Taperloc Complete Microplasty-BIOMET:Pinnacle Porocoat-DePu</b>	<b>5</b>		
CoXP	5		

Uncemented  
THA 2019-20  
5th part

[-] <b>Taperloc Complete-BIOMET:Allofit IT-ZIMMER</b>	<b>2</b>		
CoXP	2		
[-] <b>Taperloc Complete-BIOMET:Allofit-ZIMMER</b>	<b>145</b>	<b>2</b>	<b>1,38%</b>
CoP	35		
CoXP	105	2	1,90%
MoP	2		
MoXP	3		
[-] <b>Taperloc Complete-BIOMET:Avantage cementless-BIOMET</b>	<b>1</b>		
MoP	1		
[-] <b>Taperloc Complete-BIOMET:Continuum-ZIMMER</b>	<b>1</b>		
CoXP	1		
[-] <b>Taperloc Complete-BIOMET:Freeliner-EVOLUTIS</b>	<b>2</b>		
CoXP	2		
[-] <b>Taperloc Complete-BIOMET:G7-BIOMET</b>	<b>31</b>	<b>2</b>	<b>6,45%</b>
CoC	2		
CoP	18	2	11,11%
CoXP	9		
MoXP	2		
[-] <b>Taperloc Complete-BIOMET:Pinnacle Porocoat-DePuy</b>	<b>11</b>		
CoXP	10		
MoXP	1		
[-] <b>Tri-Lock-DePuy:Freeliner-EVOLUTIS</b>	<b>1</b>		
CoXP	1		
[-] <b>Tri-Lock-DePuy:G7-BIOMET</b>	<b>1</b>		
CoXP	1		
[-] <b>Tri-Lock-DePuy:Pinnacle Gription-DePuy</b>	<b>10</b>		
CoC	2		
CoXP	7		
MoXP	1		
[-] <b>Tri-Lock-DePuy:Pinnacle Porocoat-DePuy</b>	<b>94</b>	<b>1</b>	<b>1,06%</b>
CoC	5		
CoXP	53	1	1,89%
MoXP	36		
[-] <b>TwinSys-MATHYS:RM Vitamys-MATHYS</b>	<b>91</b>		
CoXP	90		
MoXP	1		
[-] <b>Wagner Revision-ZIMMER:Allofit-ZIMMER</b>	<b>4</b>		
MoXP	4		

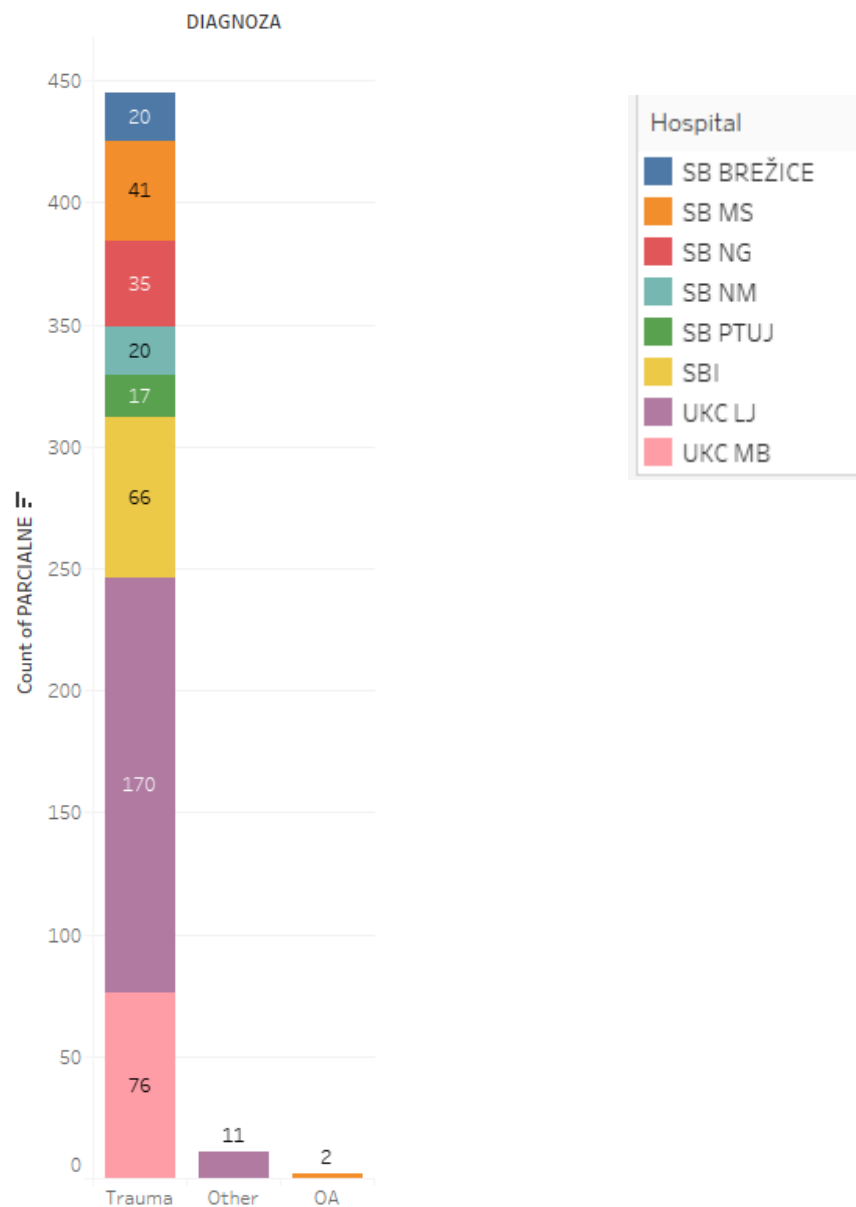
TOTAL 2019-20

Skupna vsota

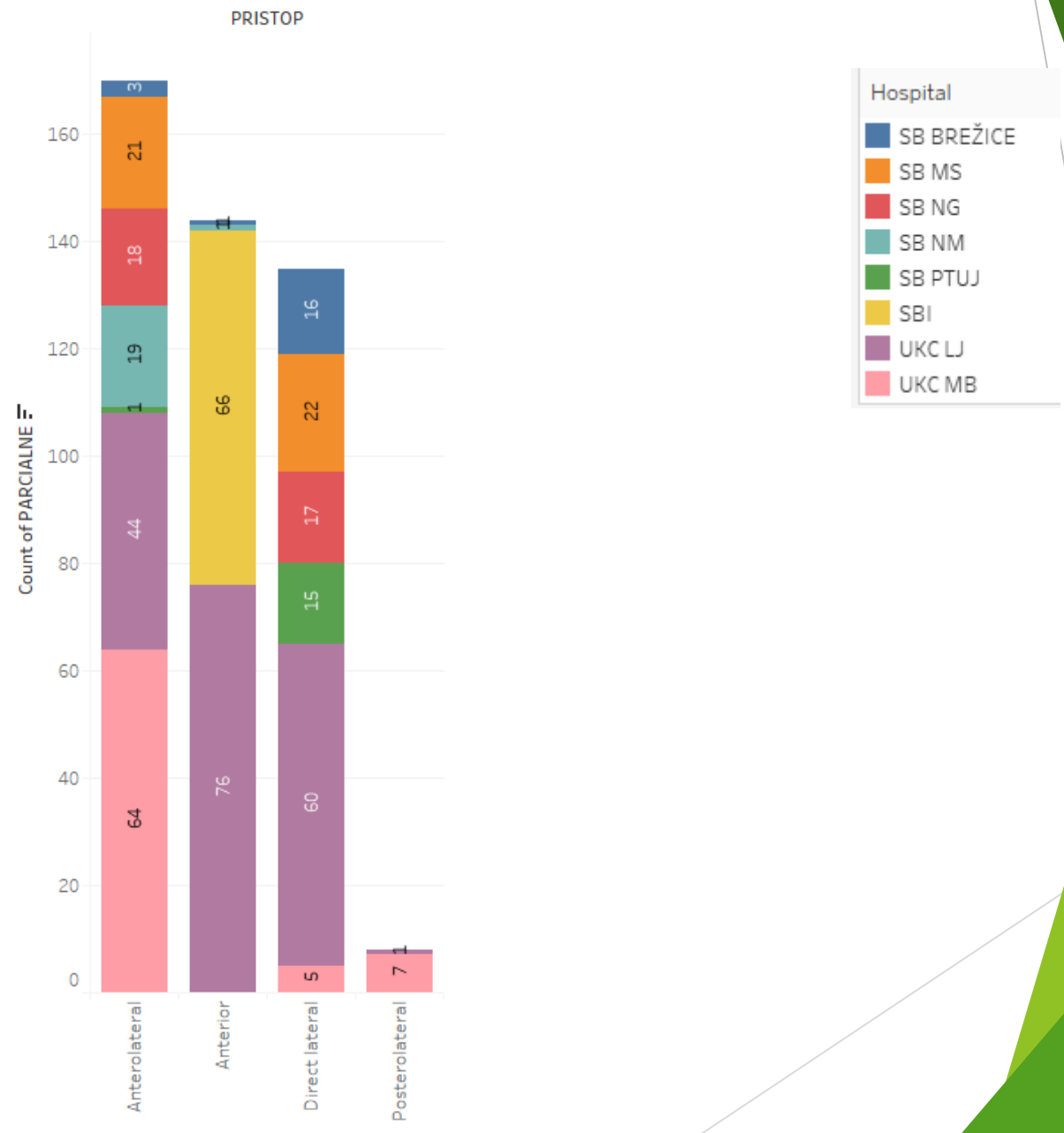
Register endoprotetike

6753 104 1,54%

# Partial HR by preoperative diagnoses



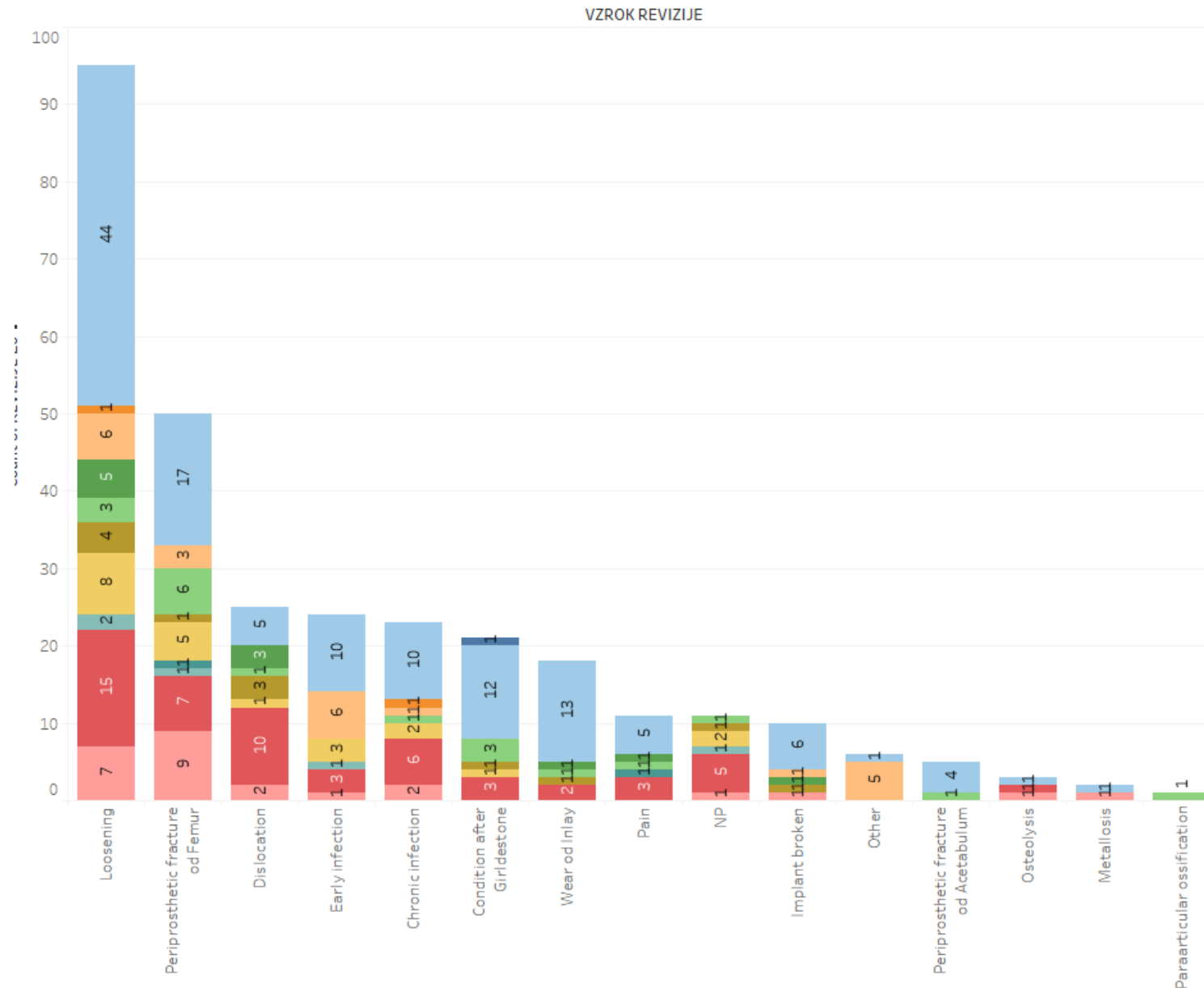
# Partial HA - approach



# Partial HA 2019-20

<b>☒ cemented</b>	<b>684</b>	<b>9</b>	1,32%
CCA SS-MATHYS	25	1	4,00%
CL Revision-LIMA	2	1	50,00%
EcoFit cem-IMPLANTCAST	69	1	1,45%
Exeption-BIOMET	47		
H-MAX C-LIMA	93	2	2,15%
Lubinus SPII-LINK	25	1	4,00%
Muller-MERETE MEDICAL	79		
Quadra-C-MEDACTA	111	1	0,90%
Self Locking Cemented-SURGIVAL	118	1	0,85%
SL cem-LIMA	115	1	0,87%
<b>☒ uncemented</b>	<b>203</b>	<b>4</b>	1,97%
Alloclassic Revision-ZIMMER	3		
C2-LIMA	5		
CBH-MATHYS	8		
EcoFit-IMPLANTCAST	91	2	2,20%
Exeption-BIOMET	4		
H-MAX S-LIMA	85	2	2,35%
TwinSys-MATHYS	5		
Wagner Revision-ZIMMER	2		
<b>TOTAL</b>	<b>887</b>	<b>13</b>	1,47%

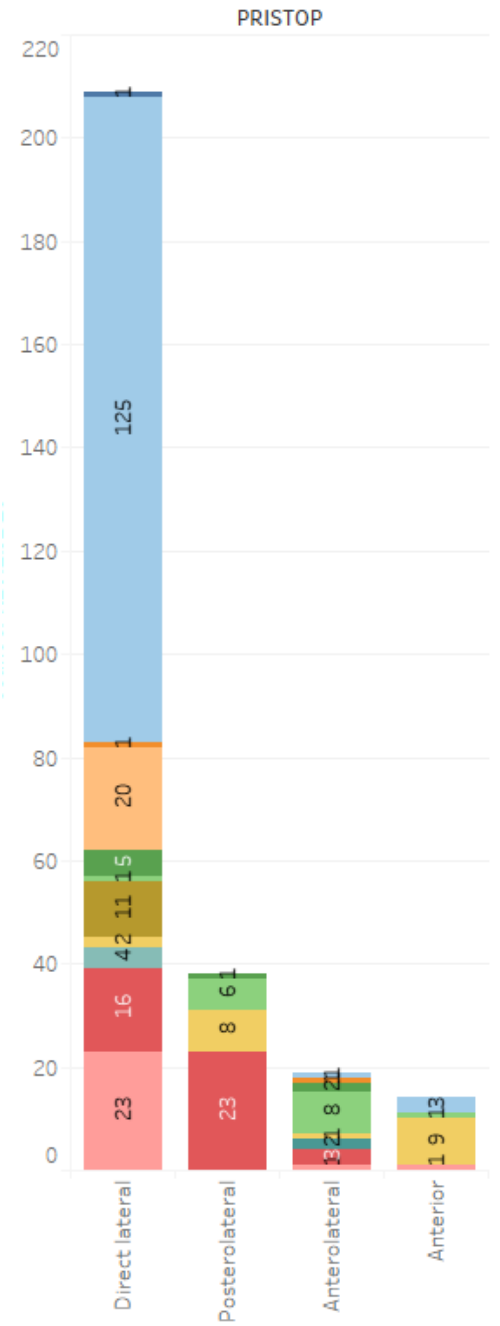
# Reasons for revision HR, sum 504



- Hospital
- KS RD
  - OBV
  - SB BREŽICE
  - SB CE
  - SB JE
  - SB MS
  - SB NG
  - SB NM
  - SB PTUJ
  - SB SG
  - UKC LJ
  - UKC MB



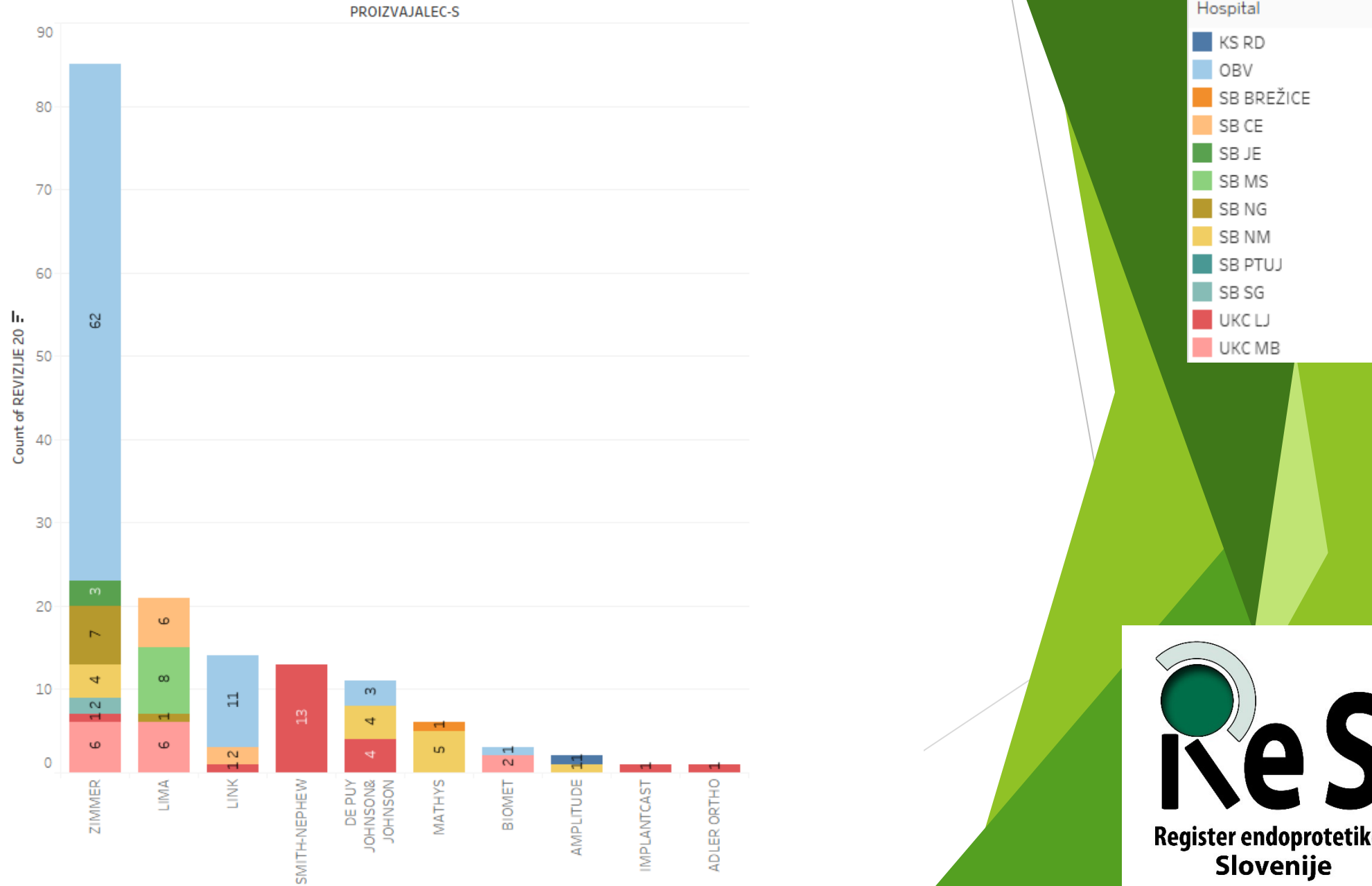
# Revision HR - approach



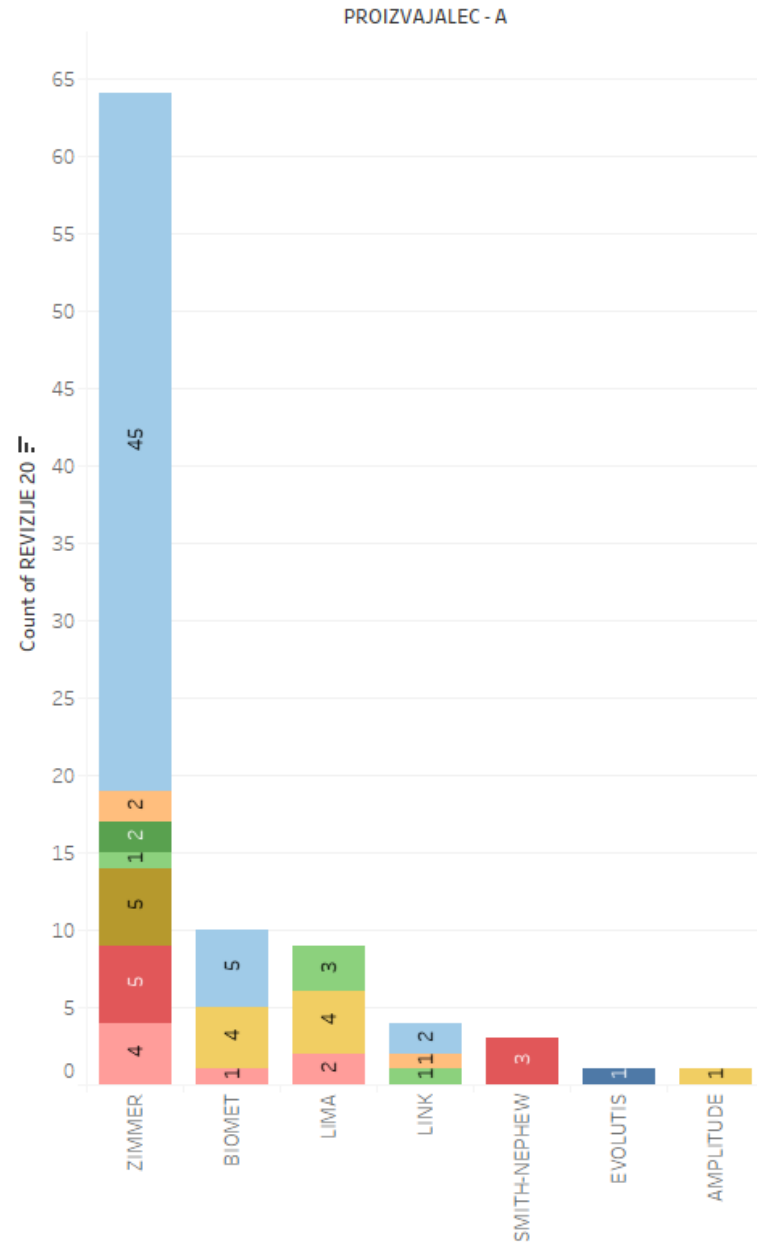
- Hospital
- KS RD
  - OBV
  - SB BREŽICE
  - SB CE
  - SB JE
  - SB MS
  - SB NG
  - SB NM
  - SB PTUJ
  - SB SG
  - UKC LJ
  - UKC MB



# Revision HR - implanted stems by manufacturer

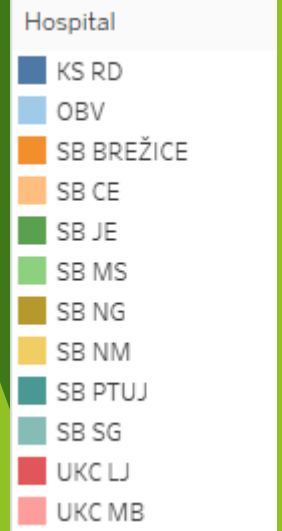
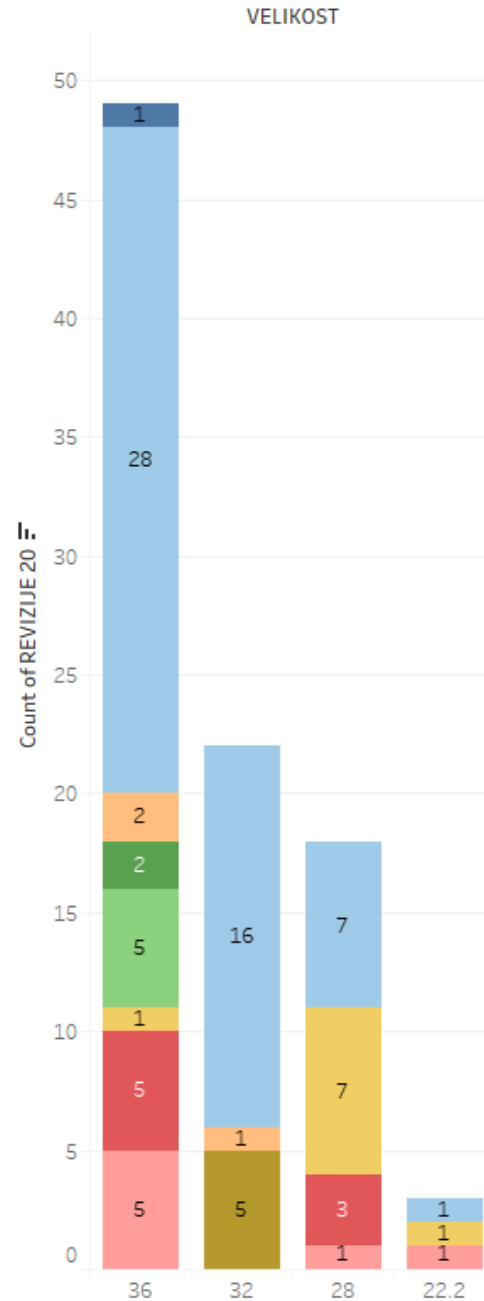


# Revision HR - implanted acetabulum by manufacturer



- Hospital
- KS RD
  - OBV
  - SB BREŽICE
  - SB CE
  - SB JE
  - SB MS
  - SB NG
  - SB NM
  - SB PTUJ
  - SB SG
  - UKCLJ
  - UKC MB

# Revision HR - implanted femoral heads by size



# The National Arthroplasty Registry of Slovenia (RES) 2st Annual Report - Knee Replacement (data 2020)

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The National Arthroplasty Registry of Slovenia- RES

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December 2021



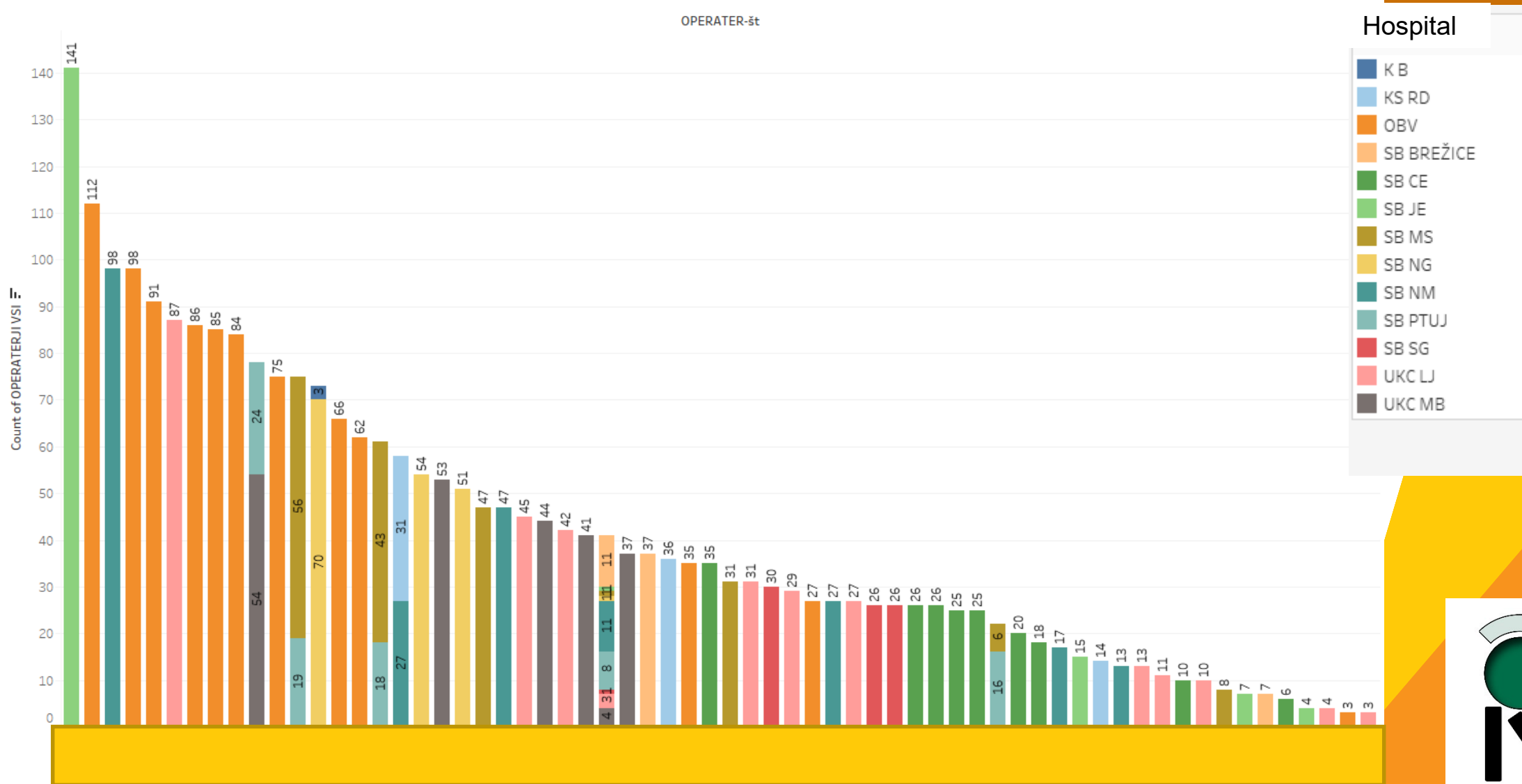
# Registry completeness 2020: 99,4 % of Primary and Revision Knee Replacement in Slovenia

Year	Primary Total KR	Primary Partial KR	Revision KR	Total
2020	2192	294	157	2643

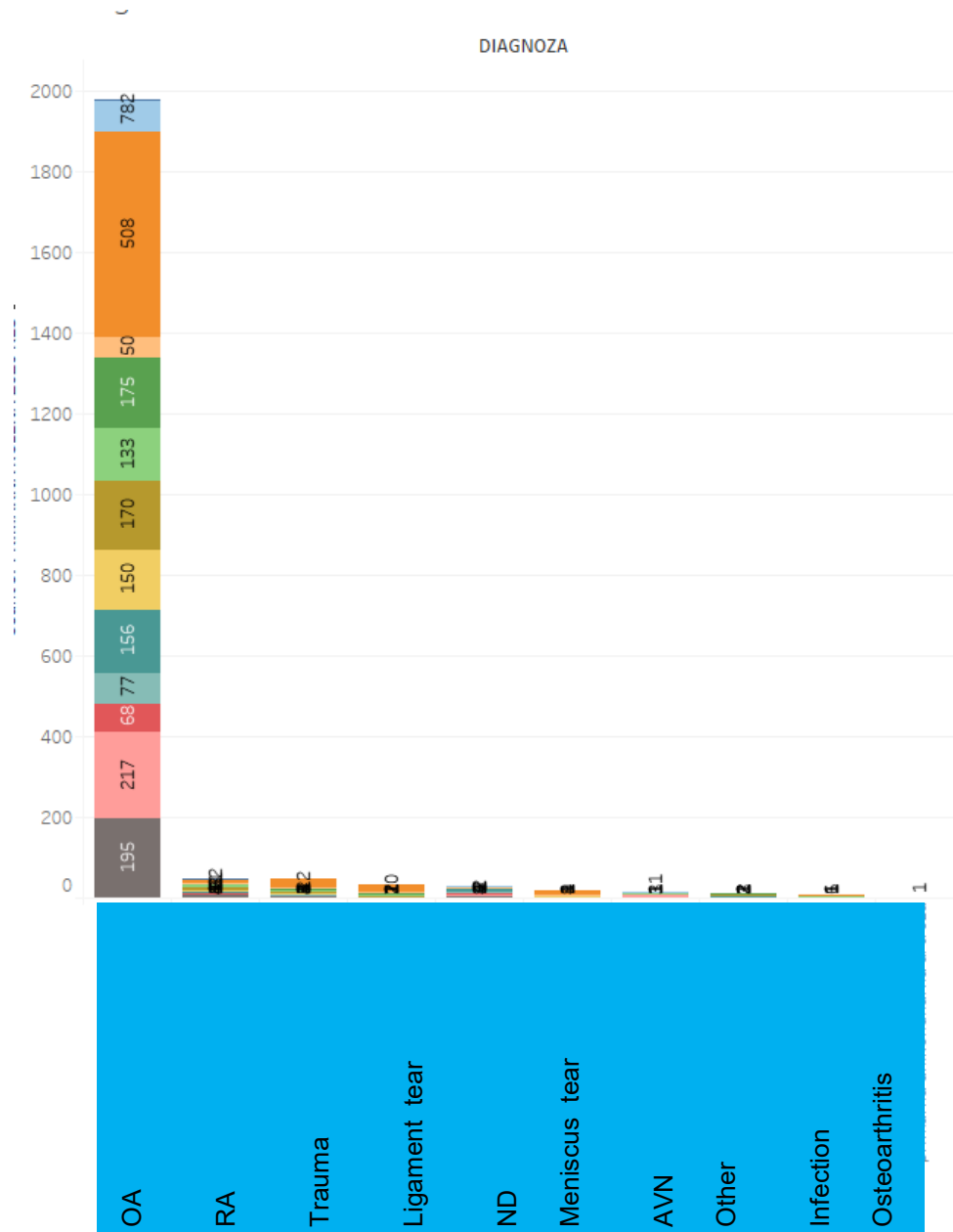
## Demographic data 2020:

Surgery 2020	Average Age( $\pm$ SD)	Men (%)	Women (%)	Right (%)	Left (%)
Primary TKR	70 ( $\pm$ 9)	38	62	51	49
Primary Partial KR	67 ( $\pm$ 9)	45	55	46	54
Revision KR	71 ( $\pm$ 8)	38	62	51	49

# N° of operations per surgeon 2020 (primary and revision)



# TKR 2020 by preoperative diagnoses

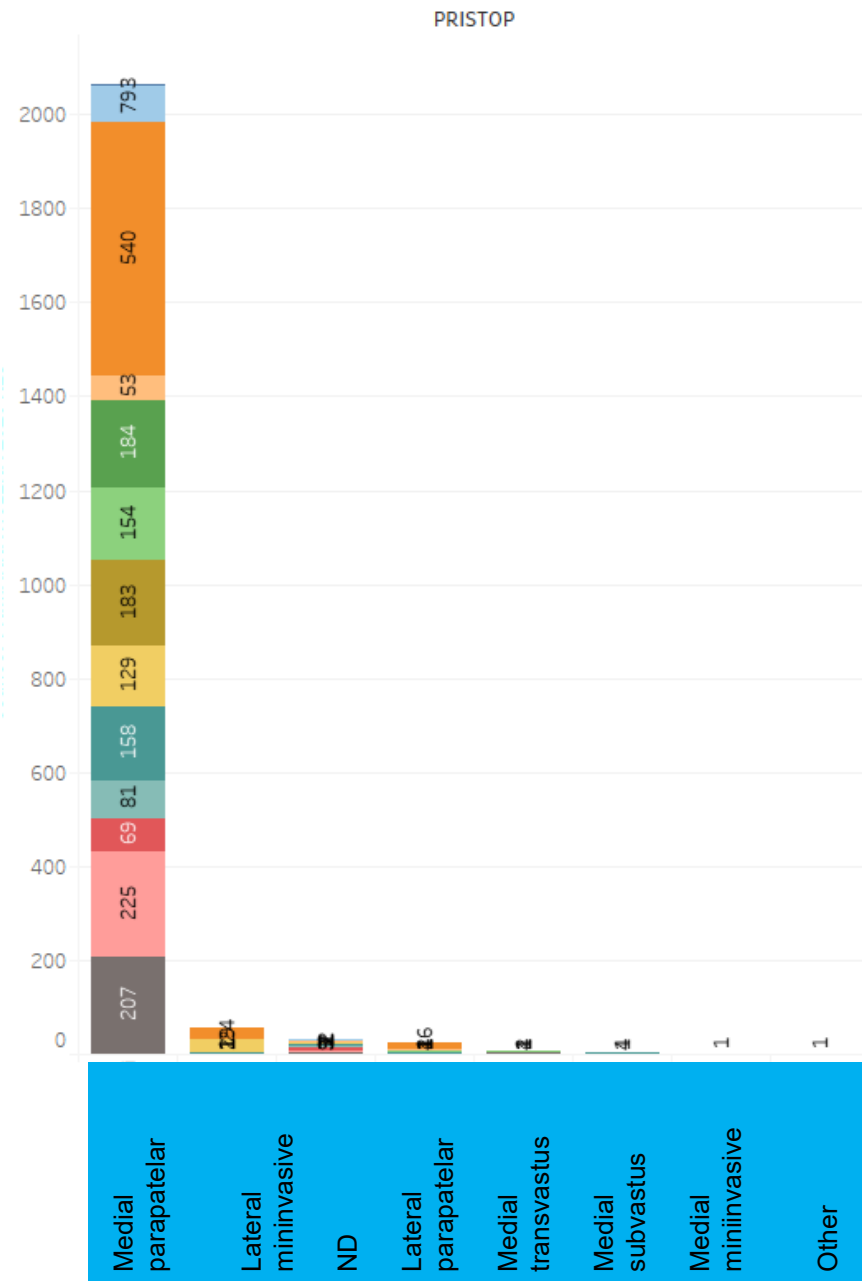


## Hospital

- KB
- KS RD
- OBV
- SB BREŽICE
- SB CE
- SB JE
- SB MS
- SB NG
- SB NM
- SB PTUJ
- SB SG
- UKC LJ
- UKC MB



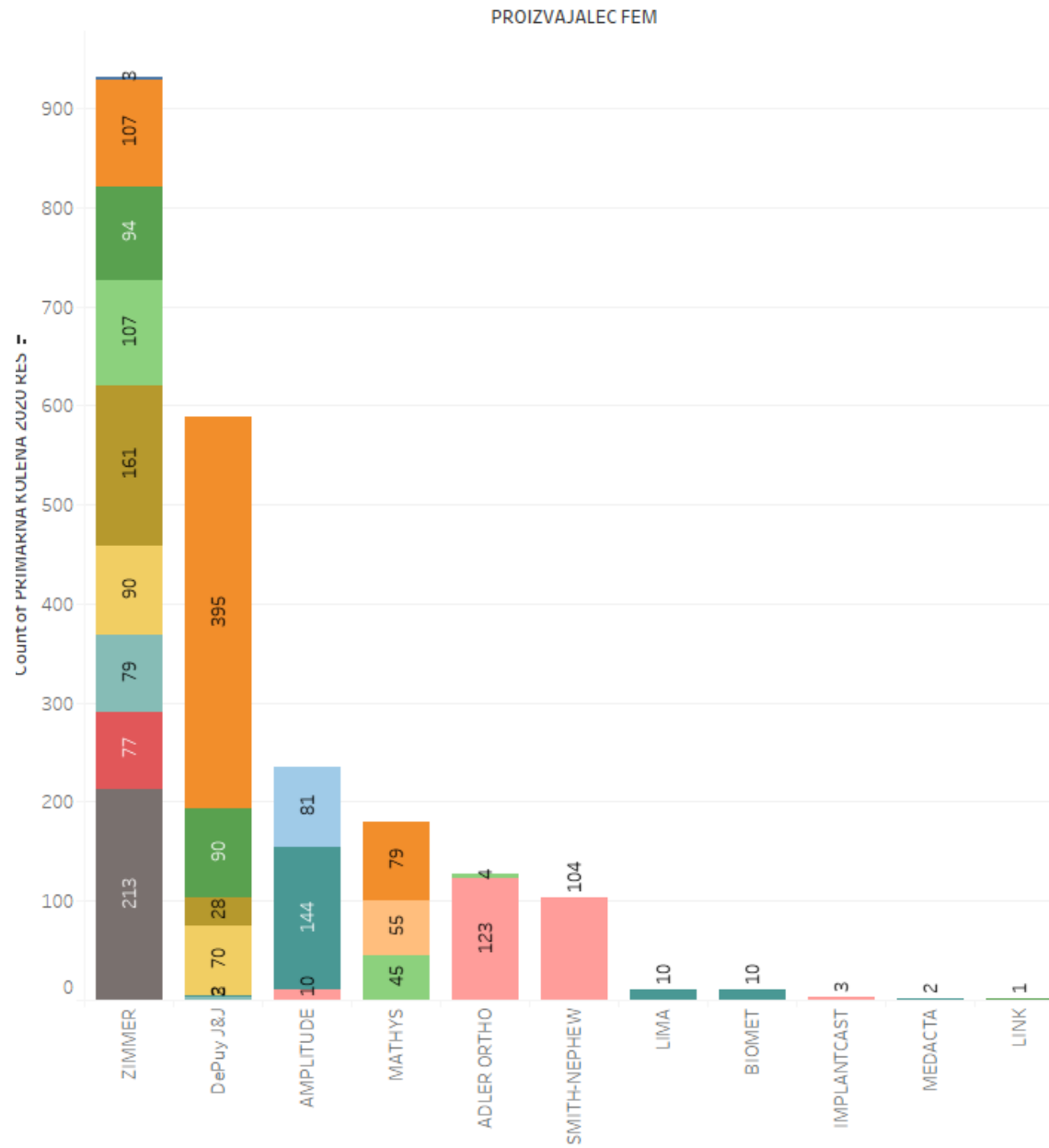
# TKA 2020 approach



## Hospital

- KB
- KS RD
- OBV
- SB BREŽICE
- SB CE
- SB JE
- SB MS
- SB NG
- SB NM
- SB PTUJ
- SB SG
- UKC LJ
- UKC MB

# TKA 2020 by manufacturers



## Hospital

- KB
- KS RD
- OBV
- SB BREŽICE
- SB CE
- SB JE
- SB MS
- SB NG
- SB NM
- SB PTUJ
- SB SG
- UKC LJ
- UKC MB

Primary 2019-20	N°	N° of revision	% of revision
<b>ADLER ORTHO</b>	<b>348</b>	<b>9</b>	<b>2,59%</b>
Genus PS-Genus FB	17	1	5,88%
cemented	17	1	5,88%
<b>Genus-Genus FB</b>	<b>331</b>	<b>8</b>	<b>2,42%</b>
cemented	331	8	2,42%
<b>AMPLITUDE</b>	<b>539</b>	<b>4</b>	<b>0,74%</b>
Score PS cem-Score MB	4		
reverse hybrid	4		
Score PS cem-Score MB cem	13		
cemented	13		
Score PS-Score MB	512	4	0,78%
uncemented	512	4	0,78%
Score PS-Score MB cem	8		
hybrid	8		
Score Revision-Score MB	1		
reverse hybrid	1		
Score Revision-Score MB cem	1		
cemented	1		
<b>BIOMET</b>	<b>32</b>	<b>1</b>	<b>3,13%</b>
Vanguard 360 Revison-Biomet 360	2		
cemented	2		
Vanguard CR-Vanguard	16		
cemented	16		
Vanguard PS-Vanguard	14	1	7,14%
cemented	14	1	7,14%

# Total knee replacement 2019-20

## Part 1

# Total knee replacement 2019-2020 Part 2

Primary 2019-20	N°	N° of revision	% of revision
<b>DePuy J&amp;J</b>	<b>1286</b>	<b>21</b>	<b>1,63%</b>
<b>Attune CR-Attune FB</b> cemented	<b>114</b> 114		
<b>Attune CR-Attune MB</b> cemented	<b>2</b> 2		
<b>Attune PS-Attune FB</b> cemented	<b>51</b> 51		
<b>Attune PS-Attune MB</b> cemented	<b>3</b> 3		
<b>Sigma CR-MBT Tibia</b> cemented	<b>41</b> 41		
<b>Sigma CR-Sigma</b> cemented	<b>755</b> 755	<b>11</b> 11	<b>1,46%</b> <b>1,46%</b>
<b>Sigma CR-Sigma PFC</b> cemented	<b>83</b> 83	<b>4</b> 4	<b>4,82%</b> <b>4,82%</b>
<b>Sigma PS-MBT Tibia</b> cemented	<b>2</b> 2	<b>1</b> 1	<b>50,00%</b> <b>50,00%</b>
<b>Sigma PS-Sigma</b> cemented	<b>223</b> 223	<b>2</b> 2	<b>0,90%</b> <b>0,90%</b>
<b>Sigma PS-Sigma PFC</b> cemented	<b>9</b> 9	<b>3</b> 3	<b>33,33%</b> <b>33,33%</b>
<b>Sigma TC3-MBT Tibia</b> cemented	<b>1</b> 1		
<b>Sigma TC4-MBT Tibia</b> cemented	<b>1</b> 1		
<b>S-ROM RH-MBT Tibia</b> cemented	<b>1</b> 1		
<b>IMPLANTCAST</b>	<b>2</b>		
<b>Mutars MK-Mutars MK</b> cemented	<b>1</b> 1		
<b>Mutars Total MK-Mutars MK</b> hybrid	<b>1</b> 1		

Primary 2019-20	N°	N° of revision	% of revision
<b>LIMA</b>	<b>15</b>		
Physica CR-Physica FB	1		
cemented	1		
Physica KR-Physica FB	3		
cemented	3		
Physica PS-Physica FB	1		
cemented	1		
Physica-Physica FB	10		
cemented	10		
<b>MATHYS</b>	<b>358</b>	<b>2</b>	<b>0,56%</b>
BalanSys CR-BalanSys	3		
cemented	3		
BalanSys CR-BalanSys TiBN	1		
cemented	1		
BalanSys PS-BalanSys	354	2	0,56%
cemented	354	2	0,56%
<b>MEDACTA</b>	<b>2</b>		
GMK Sphere-GMK	2		
cemented	2		
<b>SMITH-NEPHEW</b>	<b>252</b>	<b>5</b>	<b>1,98%</b>
Genesis II CR Oxinium-Genesis II	15		
cemented	15		
Genesis II CR-Genesis II	122	1	0,82%
cemented	122	1	0,82%
Genesis II PS-Genesis II	98	3	3,06%
cemented	98	3	3,06%
RT-Plus-RT-Plus	17	1	5,88%
cemented	17	1	5,88%
<b>UNITED ORTHOPEDIC CORPORATION</b>	<b>1</b>		
U2 PS-U2	1		
cemented	1		

# Total knee replacement 2019-20

## Part 3

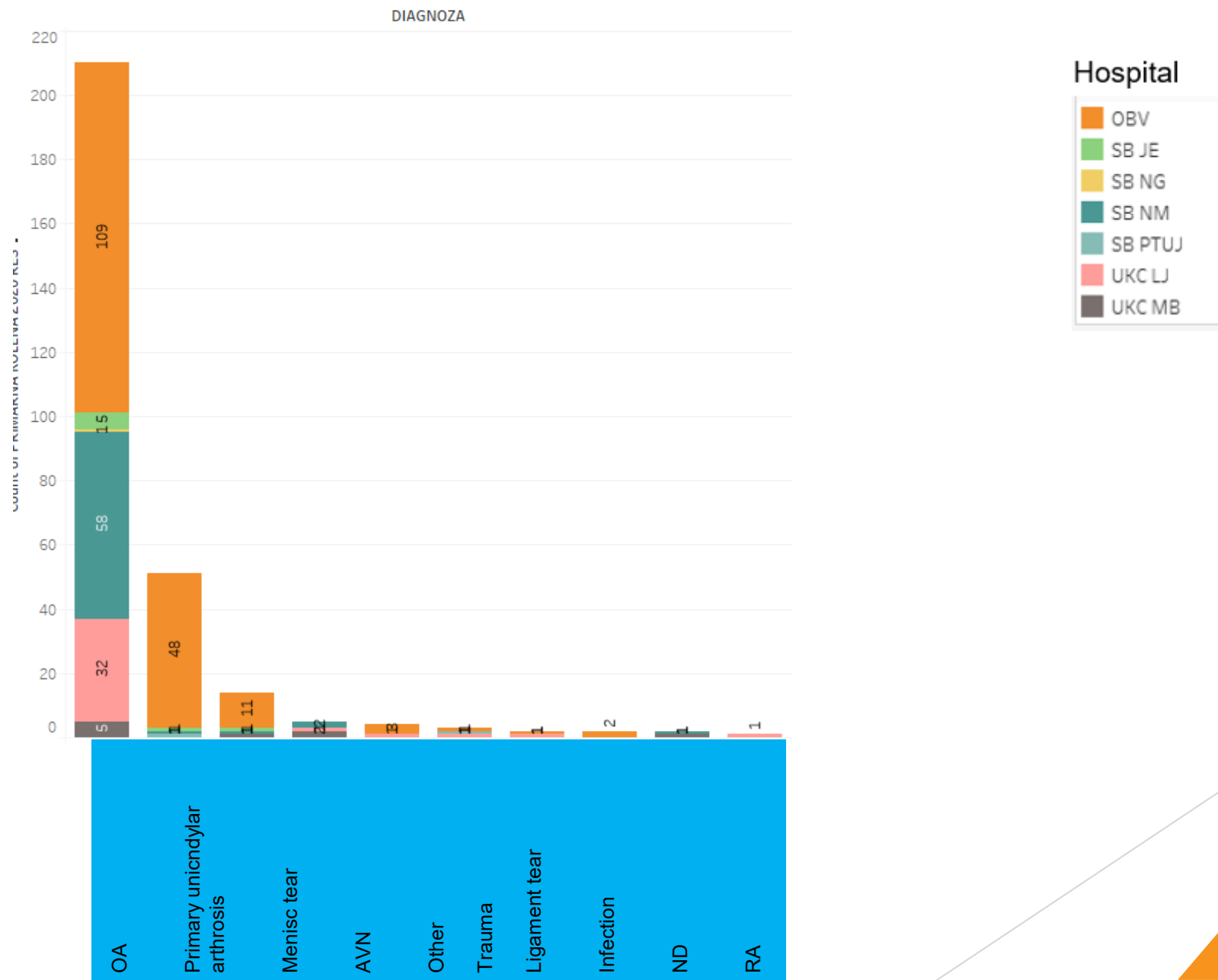
Primary 2019-20	N°	N° of revision	% of revision
<b>ZIMMER</b>	<b>2183</b>	<b>16</b>	<b>0,73%</b>
<b>Nexgen CR-Nexgen</b>	<b>138</b>	<b>2</b>	<b>1,45%</b>
cemented	138	2	1,45%
<b>Nexgen CR porous-Nexgen TM</b>	<b>174</b>		
uncemented	174		
<b>Nexgen CR porous-Nexgen TM FB</b>	<b>27</b>	<b>1</b>	<b>3,70%</b>
uncemented	27	1	3,70%
<b>Nexgen LCKK-Nexgen</b>	<b>10</b>		
cemented	10		
<b>Nexgen LPS Flex-Nexgen</b>	<b>1660</b>	<b>11</b>	<b>0,66%</b>
cemented	1660	11	0,66%
<b>Nexgen LPS Flex-Nexgen TM FB</b>	<b>9</b>		
reverse hybrid	9		
<b>Nexgen LPS-Nexgen</b>	<b>5</b>		
hybrid	5		
<b>Nexgen LPS-Nexgen TM FB</b>	<b>151</b>	<b>1</b>	<b>0,66%</b>
uncemented	151	1	0,66%
<b>Nexgen RH-Nexgen RH</b>	<b>3</b>	<b>1</b>	<b>33,33%</b>
cemented	3	1	33,33%
<b>Persona CR-Persona</b>	<b>3</b>		
cemented	3		
<b>Persona PS-Persona</b>	<b>3</b>		
cemented	3		
<b>Skupna vsota</b>	<b>5018</b>	<b>58</b>	<b>1,16%</b>

# Total knee replacement 2019-20

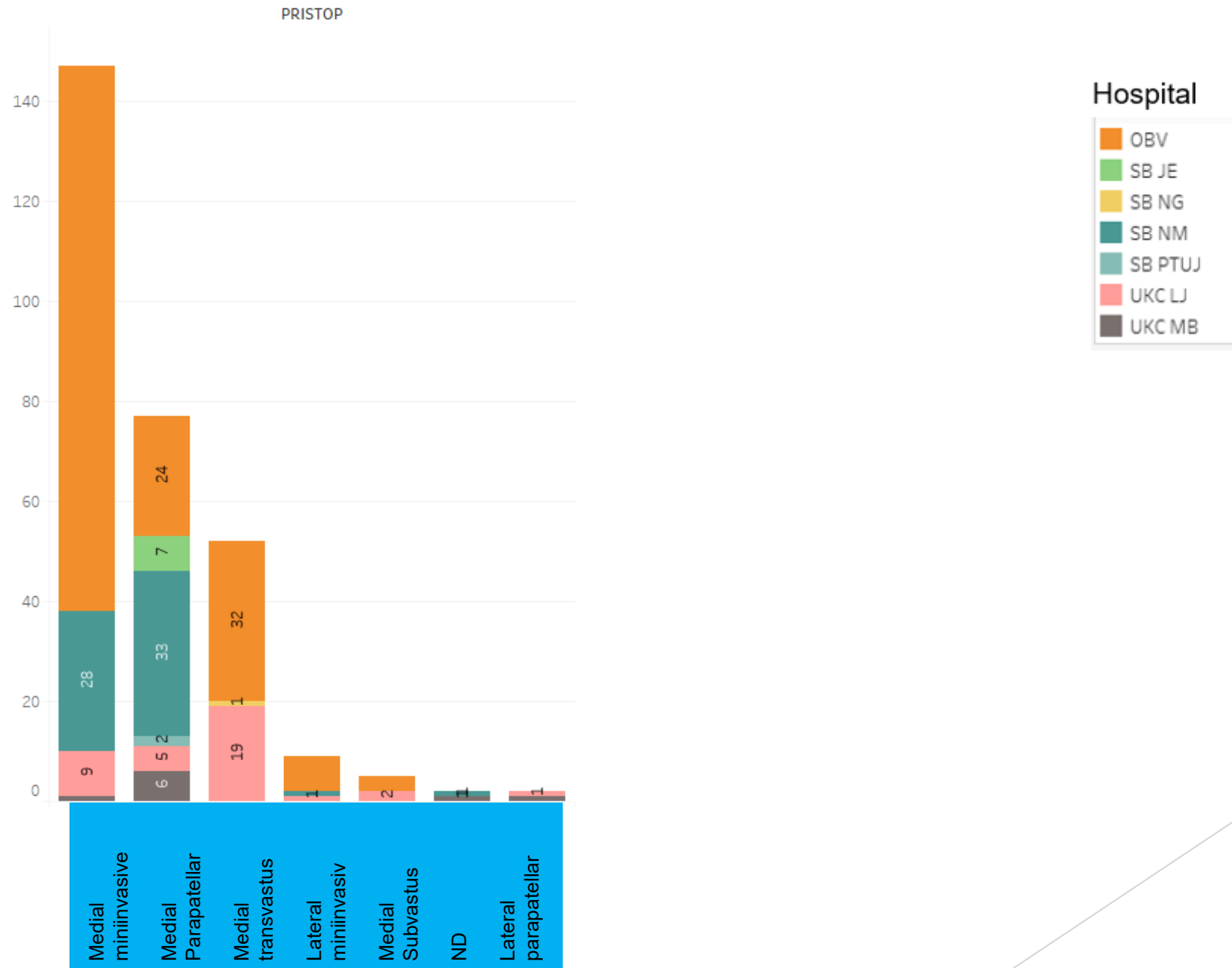
## Part 4



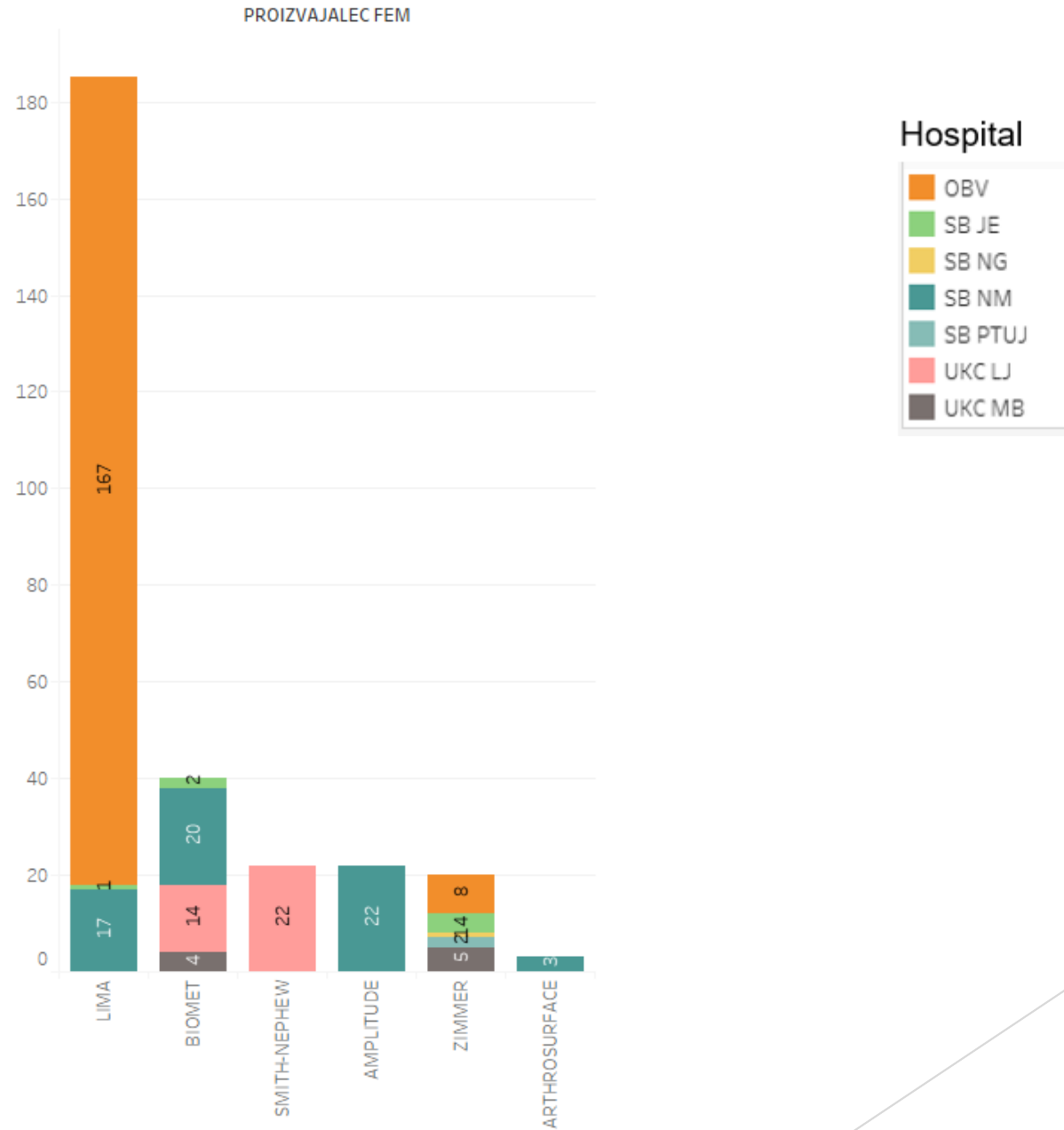
# Unicondylar KR 2020 by preoperative diagnoses



# Unicondylar KR 2020 by approach



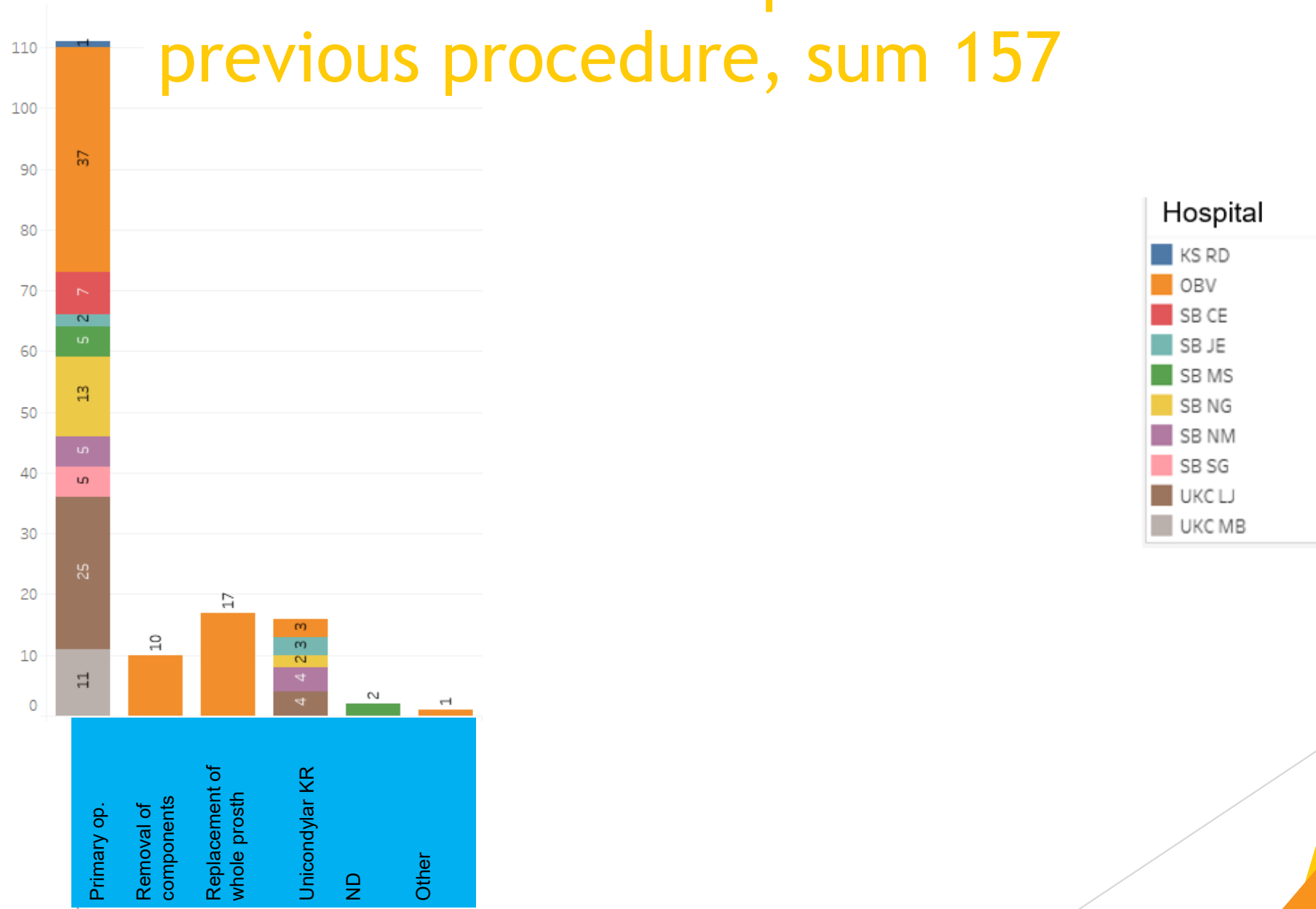
# Unicondylar KR 2020 by manufacturers



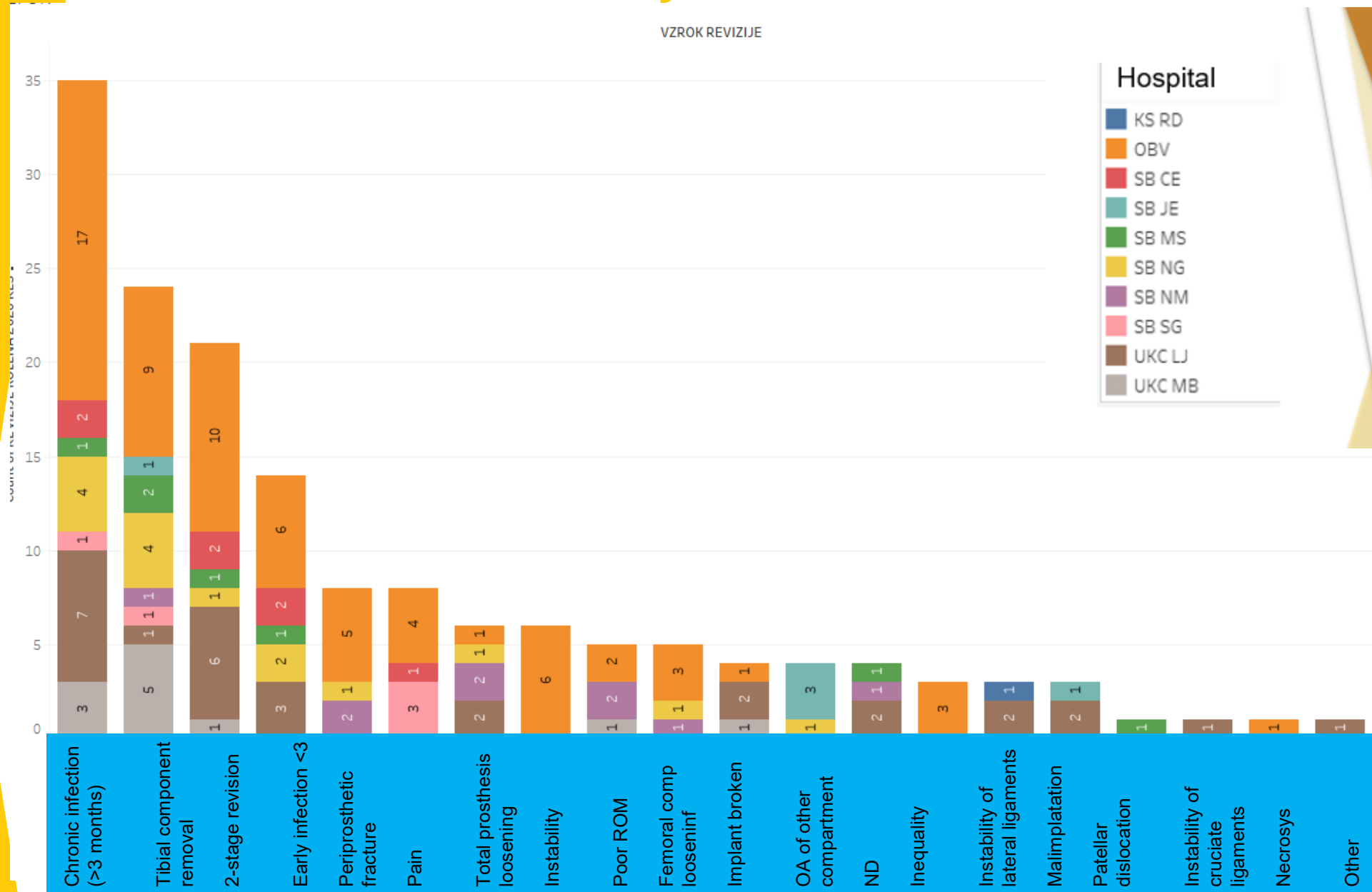
Primary 2019 -20	N°	N° of revision	% of revision
<b>AMPLITUDE</b>	<b>52</b>	<b>2</b>	<b>3,85%</b>
<b>Anatomic PS-Uni Score FB</b>	<b>8</b>		
cemented	8		
<b>Uni Score HA-Uni Score FB</b>	<b>24</b>		
hybrid	24		
<b>Uni Score-Uni Score FB</b>	<b>20</b>	<b>2</b>	<b>10,00%</b>
cemented	20	2	10,00%
<b>ARTHROSURFACE</b>	<b>3</b>		
<b>PF Wave</b>	<b>3</b>		
cemented	3		
<b>BIOMET</b>	<b>94</b>	<b>1</b>	<b>1,06%</b>
<b>Oxford cementless-Oxford</b>	<b>1</b>		
hybrid	1		
<b>Oxford cementless-Oxford cementless</b>	<b>64</b>		
uncemented	64		
<b>Oxford-Oxford</b>	<b>1</b>		
cemented	1		
<b>Oxford-Oxford cementless</b>	<b>2</b>		
reverse hybrid	2		
<b>Persona Partial-Persona Partial</b>	<b>26</b>	<b>1</b>	<b>3,85%</b>
cemented	26	1	3,85%
<b>LIMA</b>	<b>407</b>	<b>1</b>	<b>0,25%</b>
<b>Physica ZUK-Physica ZUK</b>	<b>407</b>	<b>1</b>	<b>0,25%</b>
cemented	407	1	0,25%
<b>SMITH-NEPHEW</b>	<b>56</b>		
<b>Journey Uni Oxinium-Journey Uni</b>	<b>56</b>		
cemented	56		
<b>ZIMMER</b>	<b>45</b>	<b>1</b>	<b>2,22%</b>
<b>Patellofemoral</b>	<b>11</b>		
cemented	11		
<b>Physica ZUK-Physica ZUK</b>	<b>34</b>	<b>1</b>	<b>2,94%</b>
cemented	34	1	2,94%
<b>Skupna vsota</b>	<b>657</b>	<b>5</b>	<b>0,76%</b>

## Unicondylar knee prostheses 2019-20

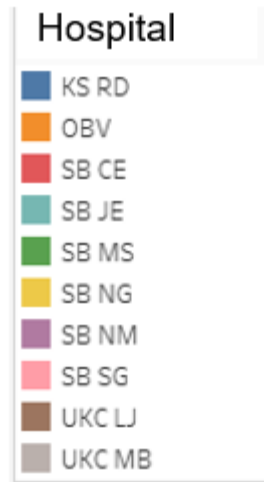
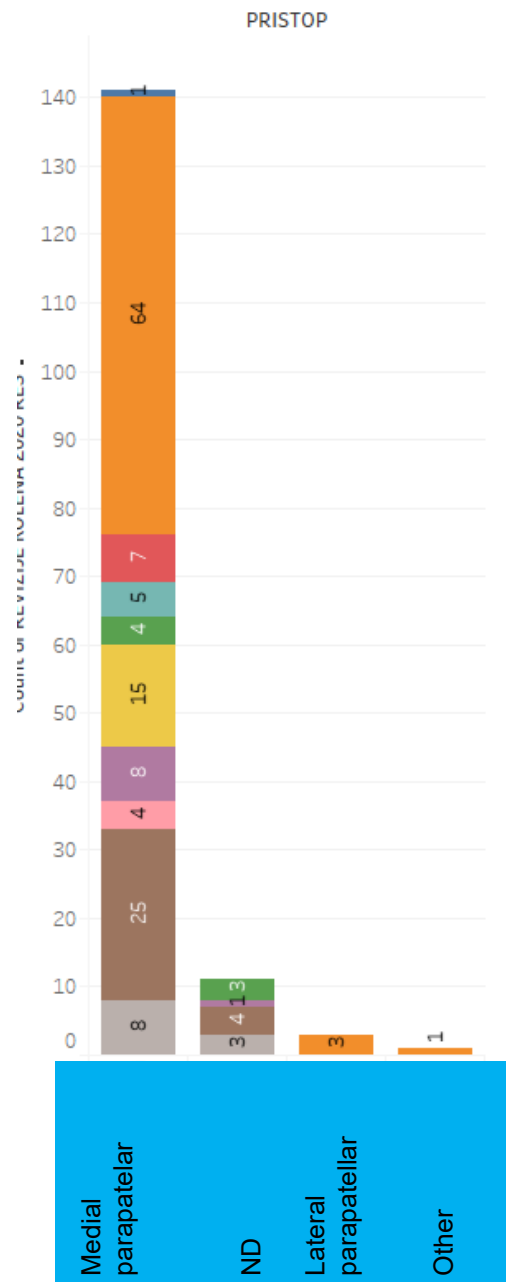
# Revisions of knee replacements 2020 by previous procedure, sum 157



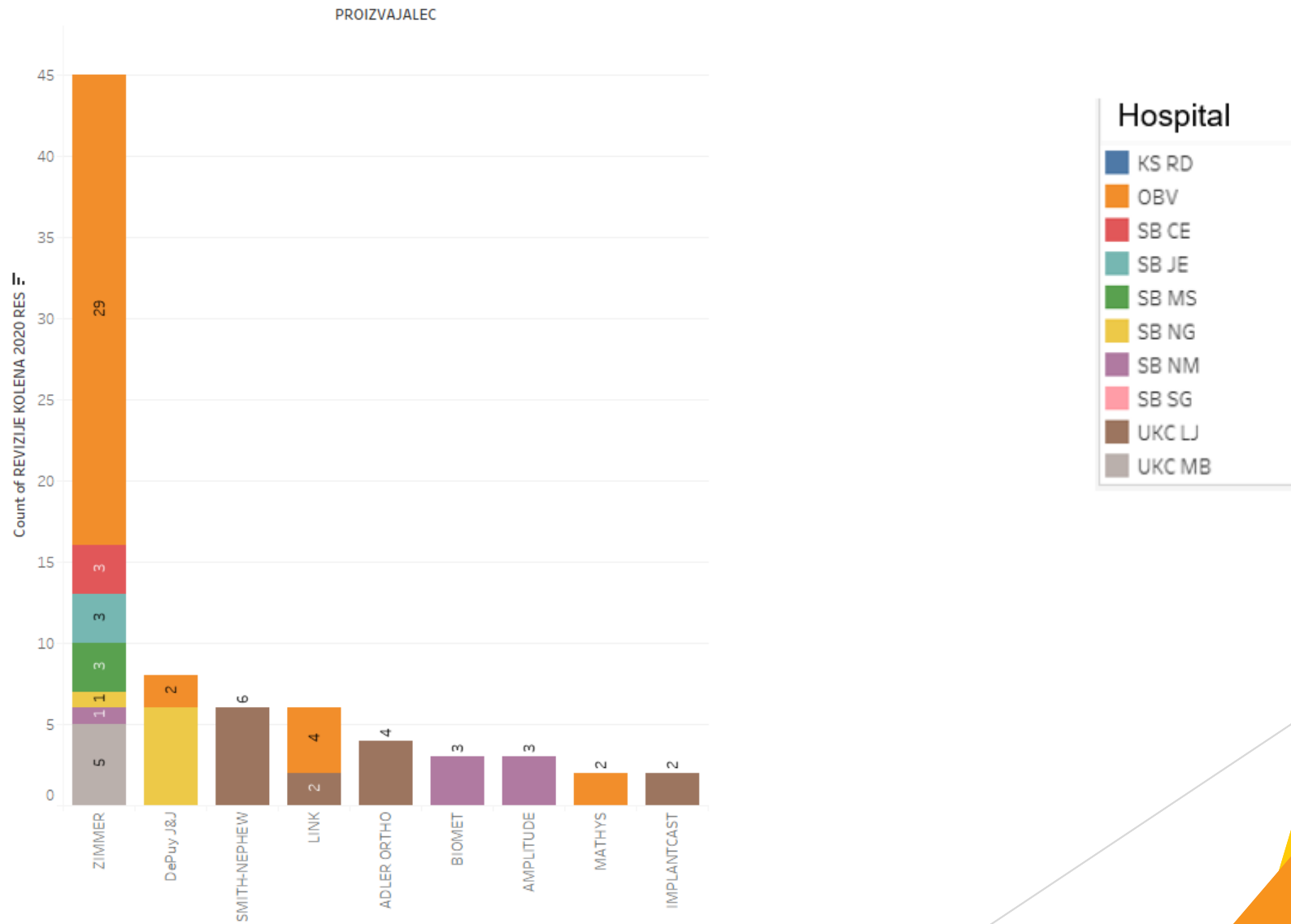
# Revision KR 2020 by reason for revision



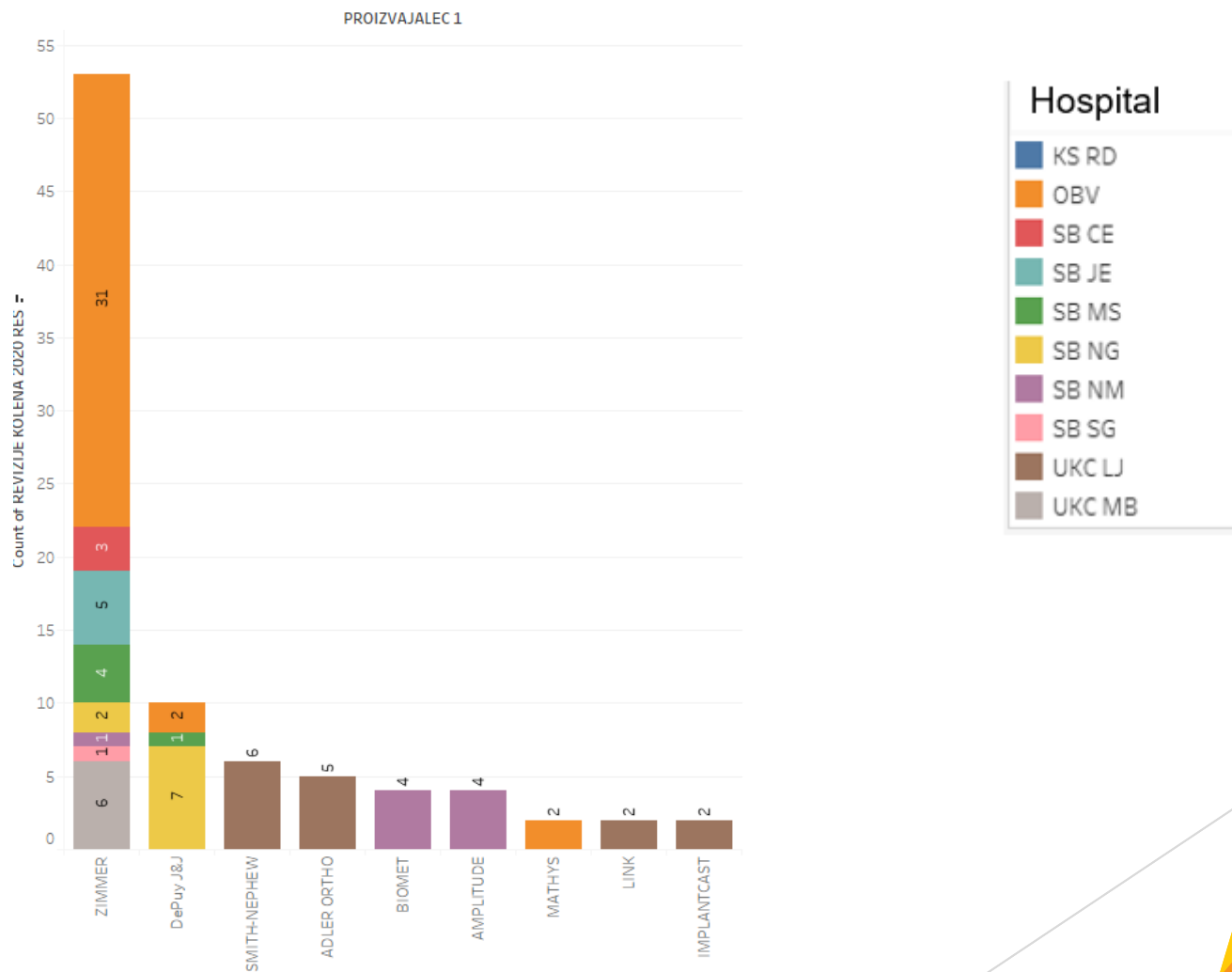
# Revision KR 2020 by approach



# Revision KR 2020 by manufacturers - femoral parts



# Revision KR 2020 by manufacturers - tibial parts



# % of revision and revision burden in 2020

State	N° of primary knee replacements	Revised knee replacements <sup>#</sup>	N% and revision burden of all revisions in 2020 *
Slovenija	2486	23 (0,7%)	157 (6,5%)

<sup>#</sup> % of revisions =  $N^{\circ}$  of revisions in this year  $\times$  100 /  $N^{\circ}$  of primaries in the same year

\* RB (revision burden) =  $N^{\circ}$  of revisions  $\times$  100 / ( $N^{\circ}$  of primaries +  $N^{\circ}$  of revisions) in %

Citation:

Levašič V, Savarin D, Kovač S. The National Arthroplasty Registry of Slovenia (RES) [Internet]. Orthopaedic Hospital Valdoltra. [cited 2021 Dec 2]. Available from: <https://www.ob-valdoltra.si/sl/international>

