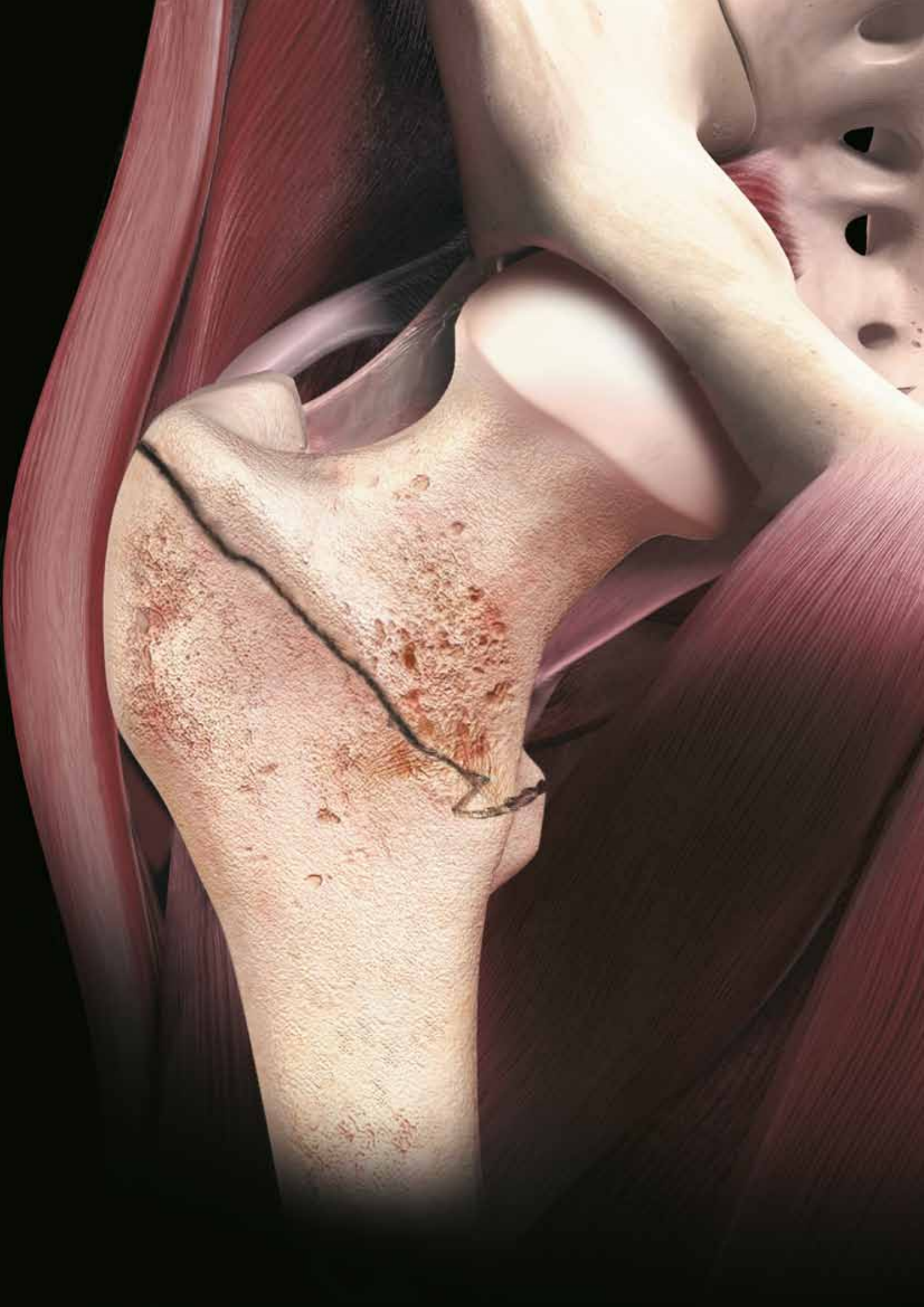


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HIP FRACTURE BROCHURE



INTRODUCTION

Current Status of Hip Fractures

Fractures of the proximal part of the femur occur at a rate which is increasing as the average age of the population increases. In 1990 there were over 1.2 million hip fractures worldwide, this is expected to reach 2.6 million by 2025 and 4.5 million by 2050.¹

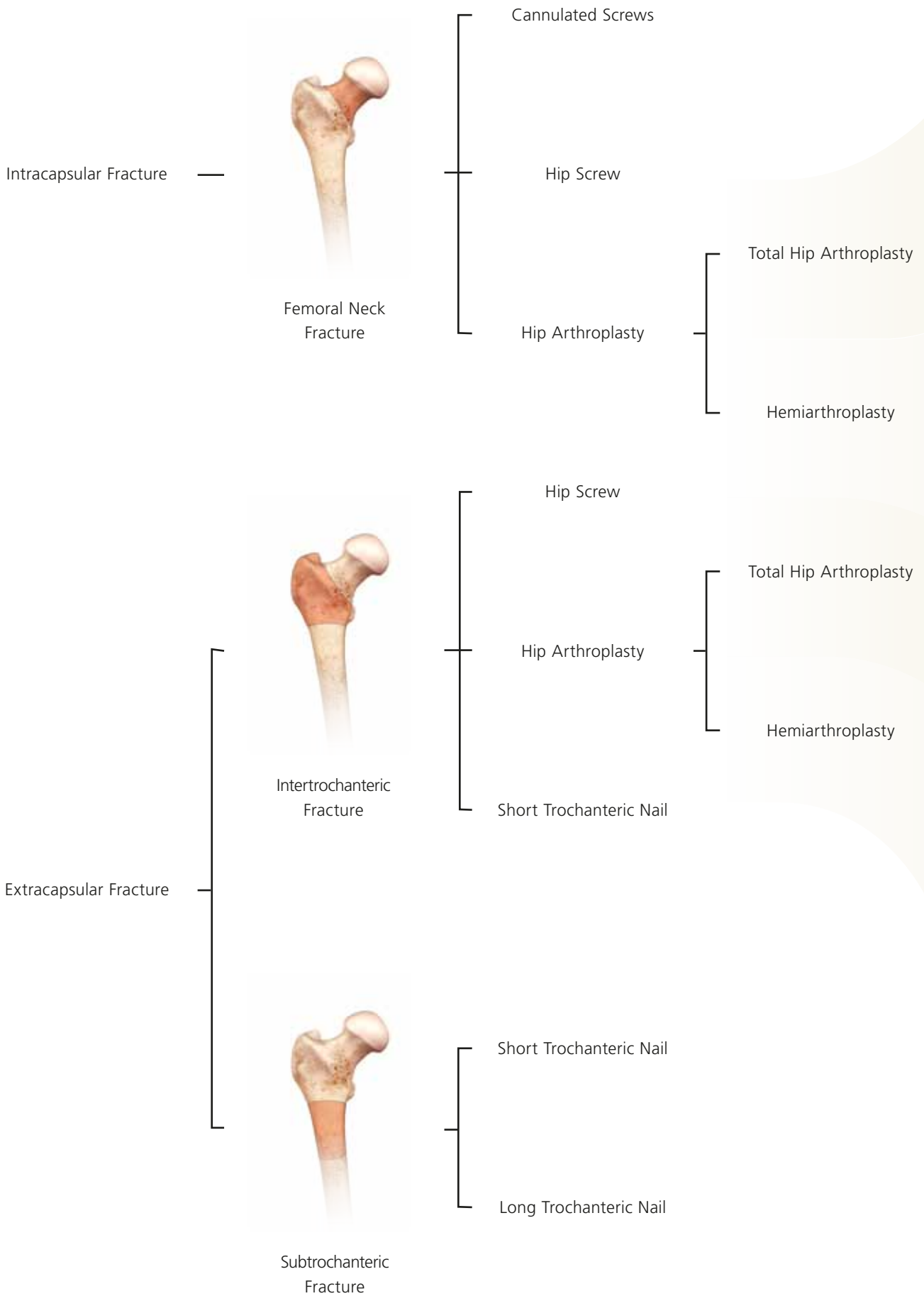
Risk factors

Proximal femur fractures predominantly occur in the elderly patient. These are most frequently the result of a fall. Numerous risk factors contribute to the cause of hip fractures in the elderly.

- Instability
- Altered reflexes
- Osteoporosis
- Malnutrition
- Impaired vision and neurologic impairment

Approximately 5% of all hip fractures occur in the young. The major cause of hip fractures in the young is high-energy trauma, such as from a motor vehicle accident or a fall from a height. About half of all hip fractures occurring in the younger patient are associated with other long bone fractures.

TREATMENT ALGORITHM





GYROS® Mobile Bearing Cup



CORAIL® HA coated*



Acetabular Cup



CORAIL HA coated*



Thompson



Unipolar



CORAIL HA coated*



C-STEM™ AMT



Bipolar



CORAIL HA coated*



C-STEM AMT



GYROS Mobile Bearing Cup



ULTIMA™ Calcar Stem



Acetabular Cup



ULTIMA Calcar Stem



Unipolar



ULTIMA Calcar Stem



Bipolar



ULTIMA Calcar Stem

*CAUTION: CORAIL Dysplasia Size 6 Stem is contraindicated for hemiarthroplasty surgery

ORDERING INFORMATION

Self-Centering Bipolar Heads



22.225 mm Inside Diameter

1037-39-000	22.225 mm x 39 mm
1037-40-000	22.225 mm x 40 mm
1037-41-000	22.225 mm x 41 mm
1037-42-000	22.225 mm x 42 mm
1037-43-000	22.225 mm x 43 mm
1037-44-000	22.225 mm x 44 mm
1037-45-000	22.225 mm x 45 mm
1037-46-000	22.225 mm x 46 mm
1037-47-000	22.225 mm x 47 mm
1037-48-000	22.225 mm x 48 mm
1037-49-000	22.225 mm x 49 mm
1037-50-000	22.225 mm x 50 mm
1037-51-000	22.225 mm x 51 mm
1037-52-000	22.225 mm x 52 mm
1037-53-000	22.225 mm x 53 mm
1037-54-000	22.225 mm x 54 mm
1037-55-000	22.225 mm x 55 mm
1037-56-000	22.225 mm x 56 mm
1037-57-000	22.225 mm x 57 mm

28 mm Inside Diameter

1035-39-000	28 mm x 39 mm
1035-40-000	28 mm x 40 mm
1035-41-000	28 mm x 41 mm
1035-42-000	28 mm x 42 mm
1035-43-000	28 mm x 43 mm
1035-44-000	28 mm x 44 mm
1035-45-000	28 mm x 45 mm
1035-46-000	28 mm x 6 mm
1035-47-000	28 mm x 47 mm
1035-48-000	28 mm x 48 mm
1035-49-000	28 mm x 49 mm
1035-50-000	28 mm x 50 mm
1035-51-000	28 mm x 51 mm
1035-52-000	28 mm x 52 mm
1035-53-000	28 mm x 53 mm
1035-54-000	28 mm x 54 mm
1035-55-000	28 mm x 55 mm
1035-57-000	28 mm x 57 mm
1035-59-000	28 mm x 59 mm
1035-61-000	28 mm x 61 mm
1035-63-000	28 mm x 63 mm
1035-65-000	28 mm x 65 mm

Modular Cathcart Unipolar Heads



1363-41-000	41 mm
1363-42-000	42 mm
1363-43-000	43 mm
1363-44-000	44 mm
1363-45-000	45 mm
1363-46-000	46 mm
1363-47-000	47 mm
1363-48-000	48 mm
1363-49-000	49 mm
1363-50-000	50 mm
1363-51-000	51 mm
1363-52-000	52 mm
1363-53-000	53 mm
1363-54-000	54 mm
1363-56-000	56 mm
1363-58-000	58 mm
1363-60-000	60 mm

Modular Cathcart Unipolar Tapered Spacers Tapered Spacers, 12/14 ARTICUL/EZE®

1363-08-000	Tapered spacer -3
1363-10-000	Tapered spacer 0
1363-12-000	Tapered spacer +5
1363-14-000	Tapered spacer +10

ORDERING INFORMATION

GYROS Cementless Acetabular Cup System



GYROS Acetabular Cup with Legs

L46544	44 mm
L46546	46 mm
L46548	48 mm
L46550	50 mm
L46552	52 mm
L46554	54 mm
L46556	56 mm
L46558	58 mm
L46560	60 mm
L46562	62 mm
L46564	64 mm
L46566	66 mm
L46568	68 mm



22 mm Inside Diameter GYROS Polyethylene Inserts

4L46414	22 mm x 44 mm
4L46416	22 mm x 46 mm
4L46418	22 mm x 48 mm
4L46470	22 mm x 50 mm
4L46472	22 mm x 52 mm
4L46474	22 mm x 54 mm
4L46476	22 mm x 56 mm
4L46478	22 mm x 58 mm
4L46480	22 mm x 60 mm
4L46482	22 mm x 62 mm
4L46484	22 mm x 64 mm
4L46486	22 mm x 66 mm
4L46488	22 mm x 68 mm



GYROS Acetabular Cup without Legs

L47544	44 mm
L47546	46 mm
L47548	48 mm
L47550	50 mm
L47552	52 mm
L47554	54 mm
L47556	56 mm
L47558	58 mm
L47560	60 mm
L47562	62 mm
L47564	64 mm
L47566	66 mm
L47568	68 mm



28 mm Inside Diameter GYROS Polyethylene Inserts

4L46428	28 mm x 48 mm
4L46430	28 mm x 50 mm
4L46432	28 mm x 52 mm
4L46434	28 mm x 54 mm
4L46436	28 mm x 56 mm
4L46438	28 mm x 58 mm
4L46440	28 mm x 60 mm
4L46442	28 mm x 62 mm
4L46444	28 mm x 64 mm
4L46446	28 mm x 66 mm
4L46448	28 mm x 68 mm

GYROS Stainless Steel Cortical Screws

L46620	4.5 mm x 20 mm
L46624	4.5 mm x 24 mm
L46630	4.5 mm x 30 mm
L46634	4.5 mm x 34 mm
L46640	4.5 mm x 40 mm
L46644	4.5 mm x 44 mm
L46650	4.5 mm x 50 mm
L46655	4.5 mm x 55 mm
L46745	6.5 mm x 45 mm
L46750	6.5 mm x 50 mm
L46755	6.5 mm x 55 mm
L46760	6.5 mm x 60 mm
L46765	6.5 mm x 65 mm

ORDERING INFORMATION

ARTICUL/EZE Modular Heads 12/14 Taper



Cobalt Chrome Heads

1365-29-000	22.225 mm +4
9113112	22.225 mm +5
1365-30-000	22.225 mm +7
9113113	22.225 mm +9
1365-01-000	26 mm +4
1365-02-000	26 mm +7
1365-03-000	26 mm +10
1365-11-000	28 mm +1.5
1365-12-000	28 mm +5
1365-13-000	28 mm +8.5
1365-14-000	28 mm +12
1365-21-000	32 mm +1
1365-22-000	32 mm +5
1365-23-000	32 mm +9
1365-24-000	32 mm +13



ULTAMET® Heads

1365-11-500	28 mm +1.5
1365-12-500	28 mm +5
1365-13-500	28 mm +8.5
1365-50-000	36 mm -2
1365-51-000	36 mm +1.5
1365-52-000	36 mm +5
1365-53-000	36 mm +8.5
1365-54-000	36 mm +12



DELTA® Ceramic Heads

1365-28-310	28 mm +1.5
1365-28-320	28 mm +5
1365-28-330	28 mm +8.5
1365-32-310	32 mm +1
1365-32-320	32 mm +5
1365-32-330	32 mm +9
1365-36-310	36 mm +1.5
1365-36-320	36 mm +5
1365-36-330	36 mm +8.5
1365-36-340	36 mm +12

References

1. Gullberg B, Johneli O, Kanis JA. Worldwide projections for hip fractures. Osteoporosis International 1997; 7(5):407-13.

Legal Manufacturer	Implants
DePuy France S.A.S.	GYROS Cementless Acetabular Cup System
DePuy Orthopaedics, Inc.	Self-centering Bipolar Heads Modular Cathcart Unipolar Heads ARTICUL/EZE Modular Heads



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CA#DPEM/JRC/1213/0002 Issued: 12/13