

CORAIL[®]

Hip System

Size 6 Surgical Technique

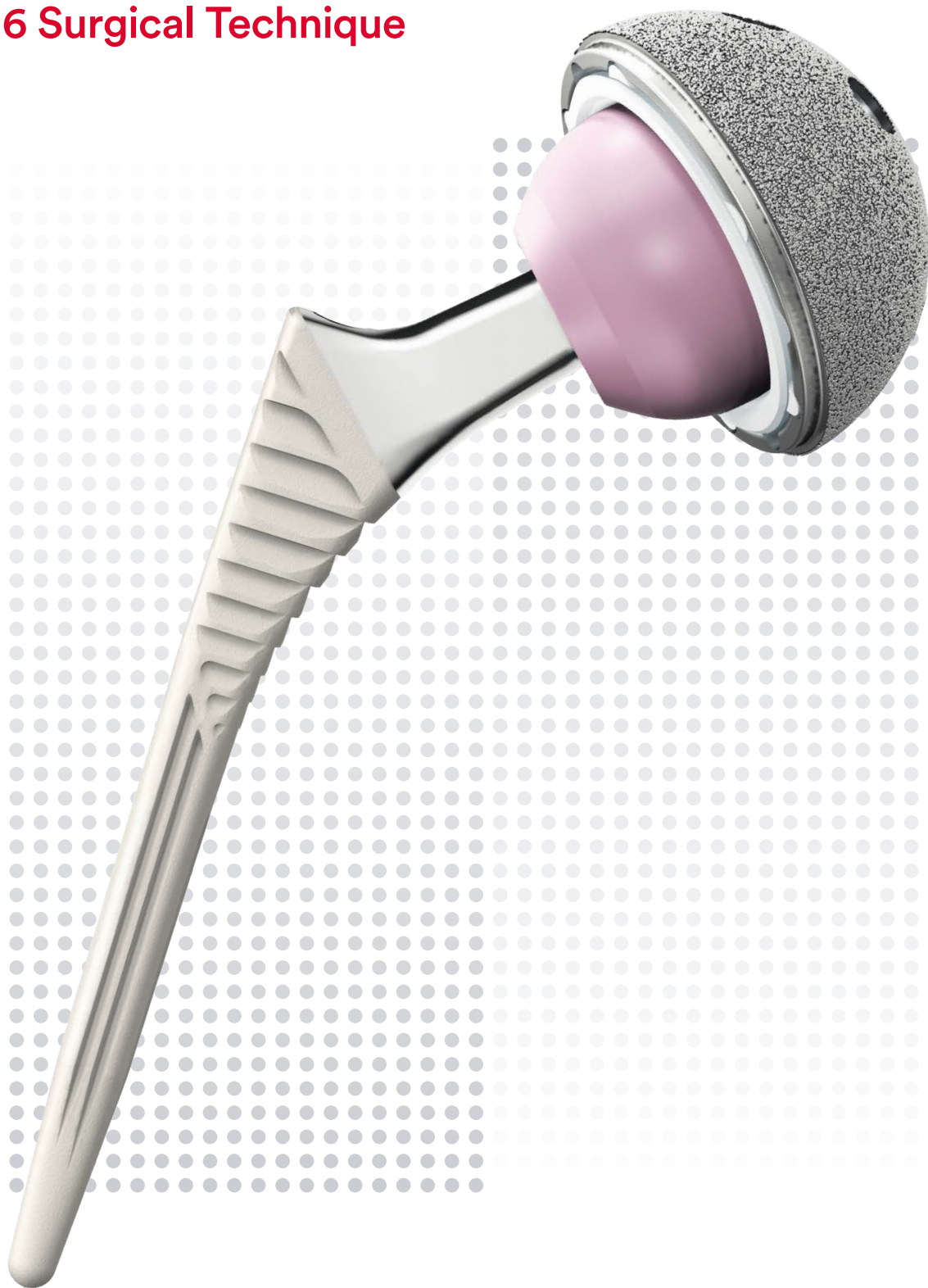


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Introduction

The CORAIL® Hip System includes the size 6 implant.

- The stem K6S is the reduced form of the standard collarless CORAIL AMT Stem

The stem features the ARTICUL/EZE® Mini Taper, characterized by a thin antero-posterior dimension, a polished surface and a 12/14 mini-taper.

▲ Warning: The size 6 CORAIL Stem is not recommended for patients weighing more than 130 lbs.¹

Pre-Operative Planning and Femoral Neck Resection

X-ray templates are used during the pre-operative planning to define the femoral neck cutting plane, the degree of lateralization and the positioning of the cup inside the native acetabular cavity.

Following exposure of the proximal femur, the first cut is made higher than the one planned, in order to remove the femoral head.

The second cut for the size K6S, will be a 45° angle cut (Fig. 1).

The axis of the femoral cavity can then be confirmed using a curette.



Pre-operative X-ray



Figure 1.

Femoral Canal Preparation

The femoral cavity is prepared using the single monobloc broach (Fig. 2).

The broach is inserted firmly down to the level of the cutting plane.



Figure 2.

Trial Reduction

The trial stem is introduced to the prepared cavity (Fig. 3).

Joint mobility and stability tests can be carried out using trial heads.



Figure 3.

Introduction of the Femoral Stem

The stem is introduced by hand first (Fig. 4) and then impacted until the superior edge of the HA coated surface is flush with the resected surface.

A trial reduction can be done if necessary.



Figure 4.

Femoral Head Impaction

Clean the stem taper carefully to remove any particulate debris. Place the femoral head onto the taper and impact with moderate blows using the head impactor (Fig. 5).

Ensure bearing surfaces are clean, and finally reduce the hip.

▲ **Warning:** Do not exceed 13mm of offset with the femoral head.



Figure 5.

Implants

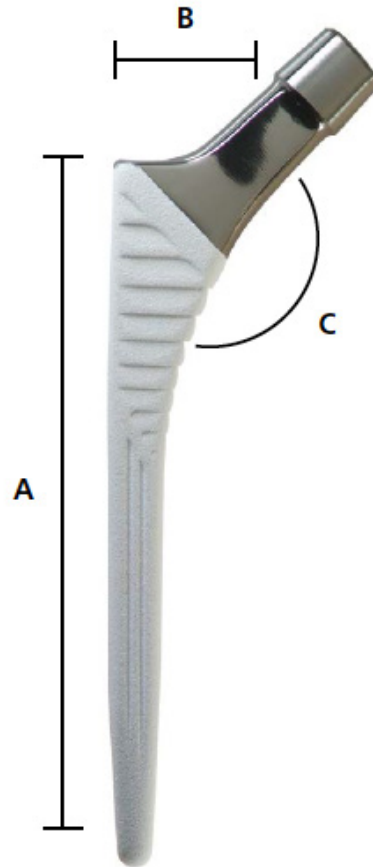
The length of the stems mentioned below refers to the distance between the tip of the lateral shoulder and the distal tip.

CORAIL AMT Size 6 Stem

L20106 K6S

Size	Stem Length (mm, A)	Offset (mm, B)	Stem Shaft Angle (C)
6S	110	30.8	135°

■ **Note:** All measurements are based on a 28 mm +5.0 ARTICUL/EZE Head, which is the middle length of nonskirted femoral heads.



Instrumentation

L20462	Trial stem K6S
L20461	Monobloc broach for stem K6S
L20464	CORAIL® Size 6 tray
L20465	CORAIL® Size 6 tray cover
2665-03-500	CORAIL® Size 6 x-ray templates



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WARNING: In the USA, this product has labeling limitations. See package insert for complete information.

CAUTION: USA Law restricts these devices to sale by or on the order of a physician.

Not all products are currently available in all markets.



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