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**Calcar-Guided Short Stems in Total Hip Arthroplasty: A Two ...**

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Author: Hagen Mittelstaedt, Josef Hochreiter, Conr... Publish Year: 2020

1. INTRODUCTION. According to a retrospective analysis of data provided by the Federal Statistical Office of Germany from 2007 to 2016 including more than 2 millions of primary THA procedures, the...

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Furthermore, calcar-guided short-stem THA resulted in improved postoperative clinical outcomes in the short term, as well as a few major complications such as migration, loosening, or revision [7 Kutzner KP...

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### Calcar-Guided Short Stems in Total Hip Arthroplasty: A Two ...

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1. INTRODUCTION. According to a retrospective analysis of data provided by the Federal Statistical Office of Germany from 2007 to 2016 including more than 2 millions of primary THA procedures, the cases of cemented standard Total Hip Arthroplasty (THA) and hip resurfacing decreased significantly, whereas the use of cementless standard THA and short-stem THA increased substantially, with a ...

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### Primary stability of calcar-guided short-stem total hip ...

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Oct 04, 2020 · Osteonecrosis of the femoral head (ONFH) is a disabling condition that often results in secondary arthritis necessitating total hip arthroplasty (THA). Short-stem THA has constantly gained popularity. It remains controversial, whether ONFH represents a risk factor for failure after the implantation of short stems with pronounced metaphyseal anchorage.

Author: Yama Afghanyar, Christoph Danckwar... Publish Year: 2020

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Mar 07, 2016 · Background. Cementless short stems have gained popularity in total hip arthroplasty (THA) in recent years [1–3]. A broad variety of different designs emerged on the market, proposing a more physiological load transfer while offering the possibility of less invasive surgery, preserving femoral bone

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**Calcar-guided short-stem total hip arthroplasty: Will it be the future standard?  
Review and perspectives**

Kutzner KP. Calcar-guided short-stem total hip arthroplasty

Karl Philipp Kutzner

**Abstract**

Short stems in total hip arthroplasty (THA) are becoming increasingly popular. In Germany, already 10.4% of all primary THAs are performed using a cementless short stem. The concept of modern, calcar-guided, short stems aims for an individualized

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### Calcar-Guided Short Stems in Total Hip Arthroplasty: A Two ...

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Calcar-guided short-stem Total Hip Arthroplasty (THA) is increasingly being used to preserve proximal femoral bone stock for potential later revision surgery. Objective: In this study, we aimed to expand the clinical evidence on calcar-guided short-stem THA used in daily clinical practice, focusing on clinical outcomes as well as radiographic signs of stress shielding and femoral bone loss.

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Oct 31, 2019 - To date, short-stem total hip arthroplasty (THA) is an increasingly established procedure. Short stems present as a bone and soft-tissue preserving alternative to conventional stems and offer the opportunity for revision with a standard length stem if needed [].Studies have shown a less