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Case Control Study

Digital templating in total hip arthroplasty: Additional anteroposterior hip view increases the accuracy

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Abstract

AIM

Analysis of planning THA with an additional anteroposterior hip view may increase the accuracy of preoperative planning in total hip arthroplasty.

METHODS

We conducted prospective digital planning in 100 consecutive patients: 50 of these procedures were planned using pelvic overview only (first group), and the other 50 procedures were planned using pelvic overview plus antero-posterior (a.p.) hip view (second group). The planning and the procedure of each patient were performed exclusively by the senior surgeon. Fifty procedures with retrospective analogues planning were used as the control group (group zero). After the procedure, the planning was compared with the eventually implanted components (cup and stem). For statistic analysis the chi - square test was used for nominal variables and the t-

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作者: Y Kosashvili - 2009 - 被引用次数: 59 - [相关文章](#)

There was no **significant** difference in the performance of the 2 techniques in ... Preoperative **planning** is an important part of **total hip arthroplasty** surgery. ... However, the **accuracy** and reliability of **digital** preoperative **templating** has not ... Conventional **templating**: **anteroposterior** view of the **hip**, **templating** the acetabulum.

Digital templating in total knee and hip replacement: an analysis of ...

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作者: B Kniesel - 2014 - 被引用次数: 11 - [相关文章](#)

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作者: T SCHEERLINCK - 2010 - 被引用次数: 7 - [相关文章](#)

with a well defined pre-operative **plan** to minimise the ... **total hip arthroplasty** is performed by superposing acetate implant drawings on **hip** or **anteroposterior** ... templating is **more accurate** in predicting 52 to 98% ... emergence of **digital templates** and dedicated soft- ... distance **increases** when the pelvis is tilted forward.

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作者: Y Kosashvili - 2009 - 被引用次数: 62 - 相关文章

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