

# ABG II VERSUS ANATO

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# ANATO STEM

- ONE global anatomic stem
- Create a power brand
- Combine the benefits of all stems in Stryker's Anatomic Stem History
  - PCA
  - Citation
  - ABG II

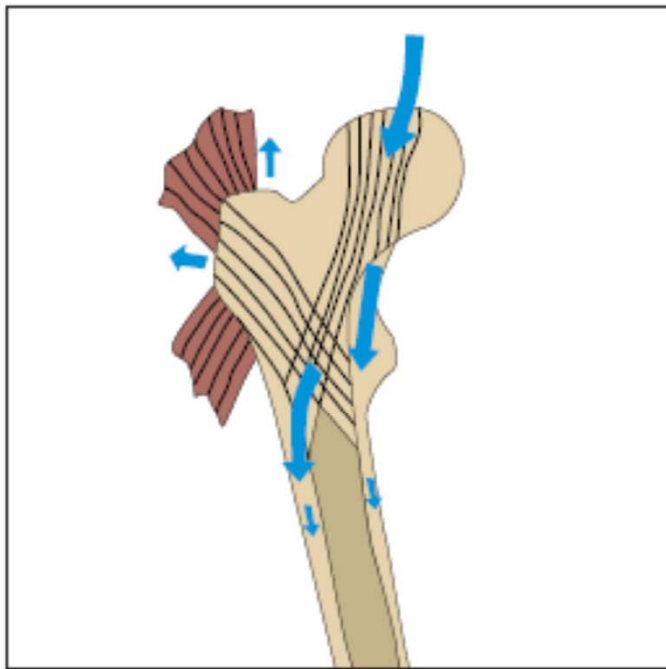
## Introduction

- Anatomic stems have been used for over 30 years with clinical success as seen with the PCA and Citation families<sup>1</sup> as well as the ABG and ABG II monolithic families<sup>2</sup>.
- The anatomic stem philosophy is intended to transfer loads more circumferentially through implant geometries which may better match the metaphyseal bone.

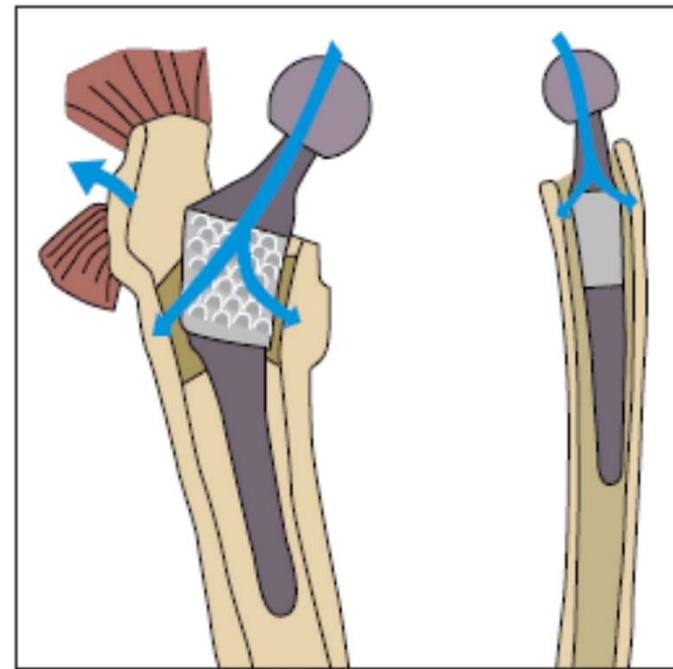
1-Bojescul, et. al, JBJS-A, 2003

2-Nourisat, et. al, JOA, 2003

# ABG Body Rationale



**Anatomic load transfer occurs in the metaphysis**



**The ABG design aims to re-establish anatomic load transfer**

# History of ABG

## ABG I

1985-1989: ABG development

1989: 1st ABG THP implantation



## ABG II

1993-1995: ABG II development

1997: 1st ABG II stem implantation

## ANATO

2010: Anatomic stem

2014: Release next generation anatomic stem



# PCA and Citation stems

**1983 PCA**



**1990 PCA  
E-Series**



**1996  
Citation AT**



# COMPARE

## ANATO

- anatomic (lefts and rights)
- neck angle 130°
- offset: 37-53mm
- Anteverted and neutral neck versions
- stem lengths: 85-102mm
- normalizations
- 8 sizes
- V40 taper
- Ti-6Al-4V
- CpTi
- HA



## ABG II

- anatomic (lefts and rights)
- neck angle 130°
- offset: 37-53mm
- Anteverted neck version
- stem length: 85-125mm
- Normalizations
- 8 sizes
- V40 taper
- TMZF
- Gritblast HA



**ANATO** is a new concept in stem design, combining the benefits of a fit-and-fill device with the procedural flexibility of a shorter stem

**ANATO** incorporates the best features of Stryker's successful ABGII and Citation hips, and its revolutionary design has been validated by SOMA:

- 8 sizes
- Anteverted and neutral neck options
- Anatomic Shaping

**Pronounced as in ANATOmy**

– /ə' nato/

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# Instrumentation

- Works in conjunction with existing ABG and Accolade TMZF and II instruments
- Works with DA instruments (new and old)
- New Instrumentation
  - Shortened broaches- size 6, 7 and 8
  - Stem Extractor
  - MIS Neck Trials
  - Case and Trays

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Orthopaedics

THANK YOU