



Interesting THA Case From Down Under ...“Wagga Wagga”



NSW, Sydney, Australia

This is the typical scene when we think of Australia.

Wagga Wagga ([/ˈwɒɡəˈwɒɡə/](#)^[4] *wog-ə wog-ə*; informally called **Wagga**) is a city in [New South Wales, Australia](#). Straddling the [Murrumbidgee River](#), and with an urban population of 46,735 people,^[1] Wagga Wagga is the state's largest inland city,^[5] as well as an important agricultural, military, and transport hub of Australia. The city is located midway between the two largest cities in Australia, [Sydney](#) and [Melbourne](#), and is the major regional centre for the [Riverina](#) and [South West Slopes](#) regions. The original Aboriginal inhabitants of the Wagga Wagga region were the [Wiradjuri](#) people and the term "Wagga" and derivatives of that word in the [Wiradjuri aboriginal language](#) is thought to mean *crow*. To create the plural, the Wiradjuri repeat a word, thus 'Wagga Wagga' translates to 'the place of many crows'.^[17] This has been recognised in the [Latin](#) name of the [Roman Catholic Diocese of Wagga Wagga](#) as *Dioecesis Corvopolitanus*. ("corvus" being the Latin word for crow).^[18]



“The Rocks” on the Murrumbidgee River in central Wagga Wagga

Adrian van der Rijt, MD

I had the pleasure of being available for Adrian’s first MSA stem back in Oct. 2009 and I am pleased to report he has had good success and continues to implant this stem. I recently received an interesting update from Adrian and thought it was an interesting case to pass on to our readers.



Mid stem arthroplasty/neck conserving stems

This technology has been recently introduced to address the management of younger patients suffering the disabling effects of osteoarthritis of the hip where the disease has progressed to a degree that they are not suitable for hip resurfacing.



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X-ray Review from Australia on the MSA™ Stem

Tim, thank you for the feedback.

Mr DP is a 61 y.o. male, 94kgs, 178cm, BMI 30. He had a post traumatic hip OA.

He is particularly interesting as he is one of those patients who sets out to "test the implant to destruction". He is an extremely active man who works, mustering cattle on horses on a near full time basis. He also breeds and trains stock horses and polo horses.

Frankly they worry me a little as I think they really are exceeding the design specifications of a hip implant, they will test the design to destruction so following them either proves the technology or will show us the intrinsic flaws.

He returned to aggressive activity very early so I assume he has intrinsic primary stability in implant and rapid early ingrowth. If he did not have early ingrowth I assume he would have lucent lines and as he has a stable implant with no lucency it is reasonable to assume he has proximal neck ingrowth with loading and I agree there is bone streaming and remodeling, particularly on the lateral view.

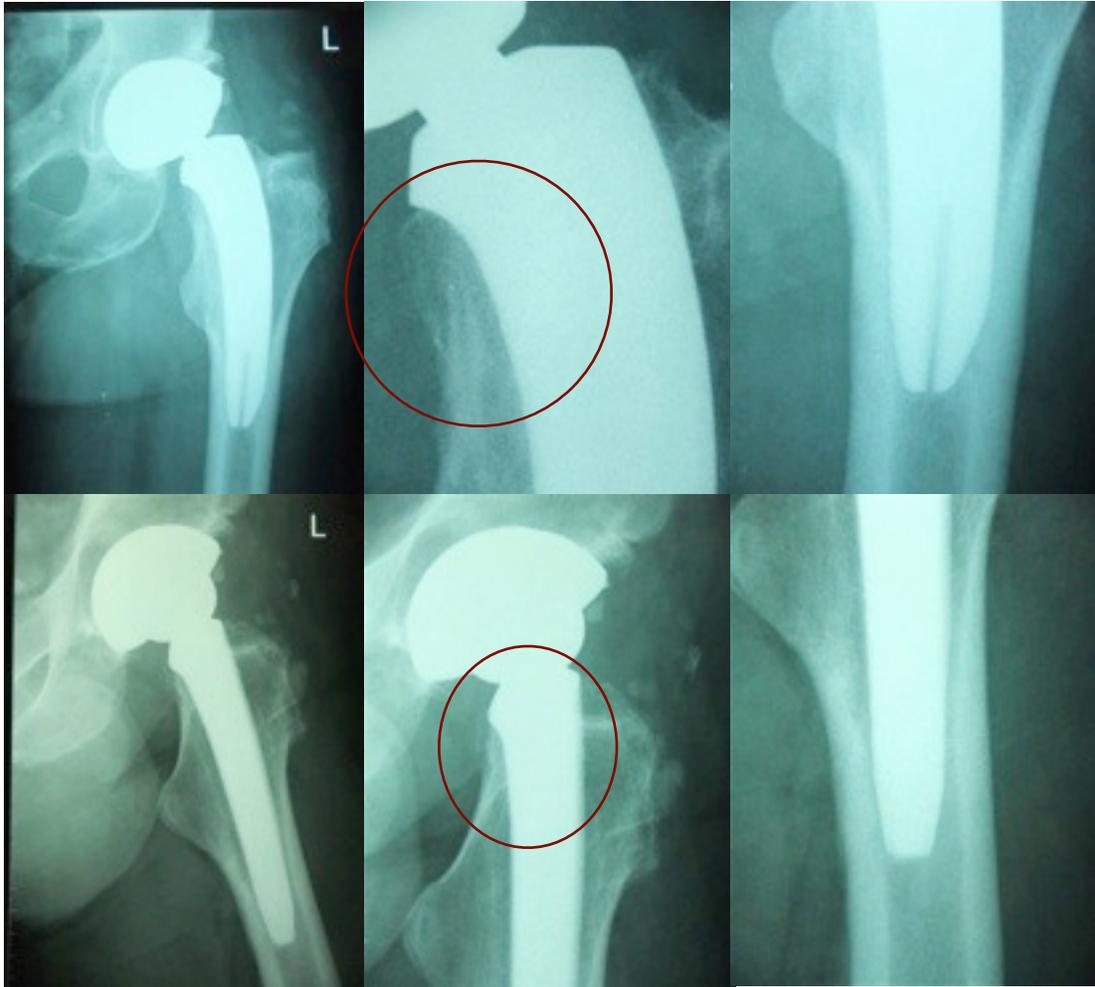
This information is all extremely encouraging, particularly in the new regulatory environment in Australia. Our TGA was subject to significant criticism in a recent national "Four Corners" program on the De Puy ASR failure. This has totally changed the resurfacing metal on metal perceptions in Australia and I am sure internationally. The fall back has to be MSA type devices.

The photographs attached to your email of the explanted stem are fascinating, the proximal bone attachment validates the point of implant integrity and stability with proximal bone ingrowth and loading.

Regards,

Adrian van der Rijt





18 Month MSA™ Stem
Surgeon: Dr. Adrian van der Rijt, Wagga Wagga, NSW

➤ Male patient, 61 years old, 94 kgs, 178 cm, BMI 30. Post traumatic hip OA

We are seeing examples of this type of bone remodeling in both our series in Australia with the MSA™ and the U.S. with the ARC™ Stem.

Maintenance of medial curve contact. No reactive lines, no distal pedestals, no distal hypertrophy. Proximal lateral shows positive bone reaction with streaming of bone to the implant. Extremely encouraging X-rays.

Adrian,

Thank you for sharing this case with us. I would love to get a picture of him mustering his cattle on horseback.

Tim