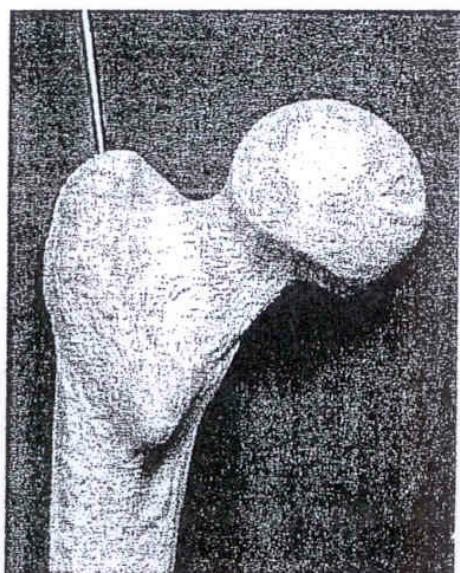


TAN – Trochanteric Antegrade Nail

While it is often commented that the Greater Trochanter is an easier landmark to locate than the Piriformis Fossa, it does not necessarily mean that locating the optimal entry portal for the TAN nail is technically easy. Drs. Russell and Sanders provided the following tips to defining the optimal entry point.

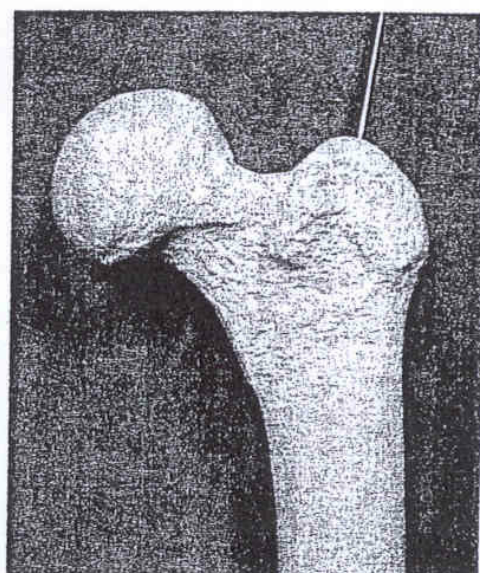
- In the AP view, aim the guide wire for a spot roughly 4 mm lateral to the tip of the Greater Trochanter. It should be almost exactly at the apex.
- While still in the AP view, aim for the center of the femoral canal. This will automatically result in the proper angulation.



Posterior View



Lateral View



Anterior View

- In the lateral view, find the midline of the femoral shaft and extrapolate it proximally. The guide pin should be slightly posterior to the midline of the cortical shaft. Hint: Try to mentally crop off the Greater and Lesser Trochanters when visualizing the shaft on the proximal end of the femoral.
- Technical hint: If the guide pin is too posterior, there may not be enough bone to accommodate the nail. In other words, the nail may not reside within the intramedullary canal.