An unusual wig masquerading as calcific neurocysticercosis

A 26-year-old black woman, who had been involved in a motor vehicle accident, was referred for radiography of the skull (Figure 1). X-rays did not demonstrate any signs of bony injury, but did reveal multiple rounded opacities related to the cranial vault, initially thought possibly to be due to calcific neurocysticercosis or alternatively multiple sclerotic bony metastases.

When the patient was examined clinically by the reporting radiologist, she was found to be wearing a most impressive and very realistic black wig with strands of hair woven around small hooks within the confines of the wig. These small hooks, containing tight knots of hair, were responsible for the multiple cranial opacities when seen end-on.

Figure 1: Lateral radiograph of the skull demonstrating multiple small opacities simulating calcific neurocysticercosis but due to tufts of hair within a wig seen end-on.

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TOPIC: Clinical Magnetic Resonance Imaging
ATTENDEES: Physicians and Radiologic Technologists
TECHNICAL EXHIBITS

CONTACT:
Caren Theuring
Clinical Magnetic Resonance Society
800-823-2677, 513-221-0070
Fax: 513-221-0825
Email: cmrs@one.net