

## **Limbs' Malformation in Southern Nigeria - Garri (*Manihot Esculenta*) a Probable Cause**

H.K. Kumbnani<sup>1</sup>, Arjun Singh<sup>3</sup>, Gajendra Singh<sup>3</sup> and Pyare Parimoo<sup>4</sup>

<sup>1</sup>*Department of Anthropology, University of Delhi, Delhi 110 007, India*

<sup>2</sup>*Associate Professor, Orthopaedic Surgeon, NMCII A/46, Kankar Bagh Colony,  
Patna 800 020, India*

<sup>3</sup>*Professor and Head, Department of Anatomy, Institute of Medical Science,  
Banaras Hindu University, Varanasi, India*

<sup>4</sup>*Department of Pharmacodynamics, Birla Institute of Technology, Pilani, India*

**KEYWORDS** *Manihot Esculenta*. Food Plant. Hydrocyanic Acid. Bone Malformations. Prevention

**ABSTRACT** Data were collected on sixteen cases with severe malformations of bones of children born to mothers who consumed *Manihot esculenta* during their early period of pregnancy. This plant has high hydrocyanic acid (HCN) as compared to the same plant of high quality. The methods of prevention of these malformations are also suggested.