Differential Diagnosis of a Lytic Lesion from a Neolithic Skeleton from Suplacu de Barcău (Bihor County, Romania)

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Excated by Florin Gogâltan and colleagues
- Suplacu de Barcău Neolithic Group
  - Dated 5000 BC
  - The skeleton was found inside the settlement
Sex: Male
determined using the morphological features of the skull (glabella, supraorbital margin, mental eminence) and of the pelvis (subpubic concavity, subpubic angle, ischiopubic ramus ridge, ventral arc, arc composé, greater sciatic notch, preauricular sulcus), all of these scored according to the Standards provided by Buikstra and Ubelaker (1994).

Age: 33-45
determined using the morphological features of the pelvis (pubic symphysis and auricular surface) and of the sterned ends of the ribs, scored according to the Standards provided by Buikstra and Ubelaker (1994).

Stature: calculated using formulae for the femur (maximum length=427 mm)

Pearson 1899: 158.166 cm
Trotter, Gleser 1958: 163.036 cm (SD=3.27 cm)
Breitinger 1937: 164.551 cm
Dental Pathologies

- Cavities: 4
- Abscesses: 5
- Teeth lost antemortem: 11
- Dental wear: ranging from 4 to 8 according to the scoring standards provided in the Data Collection Codebook (The Global History of Health Project), prepared by Steckel et al. 2011
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Dejenerative Joint Disease
Dietary Pathologies
Fractures
Fractures
Fractures
DISH (Diffuse Idiopathic Skeletal Hyperostosis)
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Lytic Lesions on the Calcanei
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Osteomyelitis

Ortner 2003: 185
Osteomyelitis

Ortner 2003: 198
Osteomyelitis

Ortner 2003: 194
Brucellosis

Ortner 2003: 219
Diabetes mellitus

Michiko Sakai et al. 1986: 57
Diabetes mellitus $\rightarrow$ DISH $\rightarrow$ Peripheral Neuropathy $\rightarrow$ *S. aureus* Infection $\rightarrow$ Osteitis/Osteomyelitis

Thank you for your attention!

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