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封面图片:人体四肢精确成像具有重要的临床意义。针对四肢骨骼成像中高分辨率的特殊需求,提出了一种四肢专用锥束CT (ECBCT)成像系统及方法,实验结果表明,通过该系统对动物肢体扫描得到的重建图像具有分辨率高和骨组织显示清晰等特点,可为骨关节炎及骨质疏松症的诊断提供重要临床信息(马 昆,南方医科大学生物医学工程学院,正文见本期1331~1337页)。

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Cover image: Images acquired by extremity cone beam computed tomography (ECBCT) showing the swine limbs at a high resolution, especially for the bones. This new imaging system provides important imaging evidence for the diagnosis of bone diseases including arthritis and osteoporosis. Provided by MA Kun, School of Biomedical Engineering, Southern Medical University. See full-text article on page 1331-1337 in this issue.

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