

Comparison of Hallux Valgus Deformity Evaluation on Printed Versus Digital X-Rays

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month. Measurements on printed X rays were made with classic goniometer while digital X-ray measurements were performed using

References

1. Adams PF, Benson V (1991). Current estimates from the National Health Interview Survey, 1990. *Vital Health Stat* 10 181:181-212
2. Coughlin MJ (1984) Hallux valgus. Causes, evaluation, and treatment. *Postgrad Med* 75: 174-178, 183, 186-187.
3. Coughlin MJ (1996) Hallux valgus. *J Bone Joint Surg Am* 78: 932-966
4. Gould N SW, Ashikaga T (1980) Epidemiological survey of foot problems in the continental United States: 1978-1979. *Foot Ankle* Jul 1: 8-10
5. **Gould N, Schneider W, Ashikaga T (1993) Foot problems in the US. The 1990 National Health Interview Survey. *J Am Podiatr Med Assoc* 83: 475-483**
6. Nyska M (2001) Principles of first metatarsal osteotomies. *Foot Ankle Clin* 6: 399-408
7. Breant CMTR, Huang HK (1993) Interfacing aspects between the picture archiving communications systems, radiology information systems, and hospital information systems. *J Digit Imaging* 6: 88-94
8. Ratib O, Ligier Y, Scherrer JR (1994) Digital image management and communication in medicine. *Comput Med Imaging Graph* 18: 73-84
9. Piqué-Vidal C, Maled-García I, Arabi-Moreno J, Vila J (2006) Radiographic angles in hallux valgus: differences between measurements made manually and with a computerized program. *Foot Ankle Int* 27: 175-180
10. Panchbhavi VK, Trevino S (2004) Comparison between manual and computer-assisted measurements of hallux valgus parameters. *Foot Ankle Int* 25: 708-711.