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1: *Rofo Fortschr Geb Rontgenstr Neuen Bildgeb
Verfahr* 1990 Sep;153(3):233-8

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[Digital subtraction angiography using carbon dioxide: an alternative to arteriography of the extremities using iodine-containing contrast media].

[Article in German]

Hess H

Privatklinik Josephinum, Munchen.

The basics and the technique of intraarterial digital subtraction arteriography with carbon dioxide (CO₂) are presented. The procedure turned out to be a good and relatively poor-risk alternative to conventional angiography with iodinated contrast media in 26 peripheral arteriographies and in 6 peripheral angioplasties in hyperthyroid patients. Using a 9-inch amplifier, arteriograms from the infrarenal abdominal aorta down to the lower leg arteries were performed with five series of insufflation of 20-25 cc CO₂ each. With regard to the image quality, there is no difference between CO₂ arteriograms and those performed with intraarterial application of iodinated contrast media.

PMID: 2171053, UI: 91018730

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