18-2 Good indications of CO₂ therapy

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Of course, they rest on physiologic effects: vasodilatation, scar healing and pain relief. Hence, in the vascular field, at the first rank, and for a century, the queen indication is Intermittent Claudication, at the level of ischemic effort in all sites: whether the claudication is in the calf, in the foot or in the hip. The patient notices in 7 to 8 days, a decrease in the onset of discomfort and improved recovery, the pain being more bearable. This good result is maintained because the patient is able to follow the walking advices.

Atherosclerosis subclavian stenosis with arms’ claudication is also quickly improved. Buerger’s and Takayasu’s diseases (aside from acute episodes) are an indication for upper and lower limbs.

Adequate and long-term results are obtained in erectile dysfunction, which is present in 70% in patients suffering from intermittent claudication, especially using strictly sub-cutaneous CO₂ injections.

Primary and secondary Raynaud’s phenomenon is the second major vascular indication. The most significant indication is the scleroderma hand for:
- increased finger flexibility (as well as the entire body skin surface).
- scar healing.
- and of course, improved Raynaud’s syndrome.

28°C CO₂ baths applied to venous and lymphatic insufficiency enables a decrease in volume, including elephantiasis with long-term dry baths.

At the border of vascular and esthetic fields, LDS is nowadays a classic indication.

A long list of rheumatologic indications thanks to antalgic effects: all arthritis, with most significantly the thumb and cervical spine, but also shoulder stiffness, osteoporosis, algodystrophy and fibromyalgia.

A page remains to be written about the following items:
- loss of balance with cervical spine arthritis,
- the onset of migraine headaches,
- macula degeneration,
- visual field in patients affected with glaucoma,
- tinnitus,
- cognitive functions

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References