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The providing of the method of local negative pressure in the treatment of wounds

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The high clinical and economic efficiency of method of treatment of the wounds by negative pressure (NPWT) doesn't raise doubts. The using of NPWT allows us to improve all the main indicators to reduce the terms of the treatment and the duration of a stay of the patient in a hospital, to reduce the cost of the funds, working hours of the personnel. Besides, the long absence of the bandaging at the inpatient, so the contact of a wound with the tool and the air of medical institution, with the hands of the medical personnel, reduces the risk of a contamination of the wound by the hospital strains of microorganisms. Our more than seven years experience in the application of this method includes more than 1,500 patients with chronic wounds and trophic ulcers, acute purulent inflammation of soft tissues, infectious complications in trauma and orthopaedics, in the abdominal, thoracic and colorectal surgery. We conducted a number of prospective randomized and comparative clinical and clinico-economic studies on the effectiveness of NPWT in the treatment of various wounds. However, the demand method on the one hand and the high cost of the equipment on the other hand has forced us together with engineers to develop a cheap mobile model vacuum aspirator designed for use in both residential and outpatient settings under the patronage nurses.

Biography

V N Obolenskiy, PhD (2002) is the Head of the Septic Surgery Unit, City Clinical Hospital № 13, Moscow. He is also an Associate Professor of the Department of Surgery of the Russian National Research Medical University named after N.I. Pirogov, Moscow; correspondent member of the Russian Academy of Natural Sciences (RANS). He is a member of several professional societies, including EWMA, AO Trauma, participant EBJIS. He has published more than 40 articles in reputed journals and 8 tutorials. He has been serving as an Editorial Board Member of the journal "Wound Medicine" and "International Academic Journal of RANS".

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