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Use of cord blood platelet gel to enhance healing of deep surgical site dehiscences after peripheral bypass

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Surgical site dehiscence after lower limb revascularization through bypass represents a serious postoperative complication, especially in diabetic and obese patients, with subsequent risk of early graft failure, infection, sepsis, hemorrhage, major amputation and sometimes death. To prevent bypass exposure and subsequent complications, physicians recur to reoperation, antibiotic therapy, advanced dressing and vacuum-assisted closure therapy. To improve the process of wound healing, cord blood platelet gel can be used to fill deep and large wounds. Growth factors released from platelets in the cord blood platelet gel stimulate the process of healing and allow patients to be followed up in Outpatient Surgery, thus reducing hospital stay and costs, while providing excellent results.

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