

Percutaneous Femoral Shortening Over a Nail Using Onsite Smashing Osteotomy Technique

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Abstract : Closed femoral-shortening osteotomy over an intramedullary nail for the treatment of leg length discrepancy (LLD) is a demanding surgical technique, classically requiring specialized instrumentation (intramedullary saw and chisel). The paper describes a modified surgical technique of performing femoral shortening percutaneously, using a percutaneous multiple drill-hole osteotomy technique to smash the bone, and then, the bone is fixed using intramedullary locked nail. Paper presents the result of performing nine cases of shortening as well.

Keywords : —Femoral shortening, Leg length discrepancy, Minimal invasive, Percutaneous osteotomy.

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