



HOW ARE YOU
PROTECTING YOUR PATIENTS
FROM POSTOPERATIVE TOURNIQUET PAIN?



For indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert or contact your local representative; visit www.zimmerbiomet.com for additional product information.

CONTOUR CUFFS

FROM ZIMMER BIOMET CAN
REDUCE TOURNIQUET SITE PAIN*



Contoured tourniquet cuffs have been found in clinical trials to occlude arterial flow at lower pressures than straight tourniquet cuffs of equal width. Contoured tourniquet cuffs **minimize the risk of excessive pressure** on one edge of the cuff, **migration of the cuff**, and a **shearing injury** to underlying tissue.^{1,2}

Limb Occlusion Pressure technique and wide contoured cuff **reduced average pressure by 33-42%** from typical pressures.³

**Contact your Zimmer Biomet representative
or reach out to zbconnect@zimmerbiomet.com**

New Contour Cuff
Thigh



Cylindrical Cuff
Thigh



ZIMMER BIOMET

Your progress. Our promise.®

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Intended for healthcare professionals.

1. Pedowitz RA, Gershuni DH, Botte MJ, Kuiper S, Rydevik BL, Hargens AR. The use of lower tourniquet inflation pressures in extremity surgery facilitated by curved and wide tourniquets and an integrated cuff inflation system. Clin Orthop Relat Res. 1993;(287):237-244. [IB] **2.** Noordin, Shahrar, McEwen, James A., Kragh, John F., Eisen, Andrew and Masri, Bassam. Surgical Tourniquets in Orthopaedics. The Journal of Bone & Joint Surgery 2009 **3.** Younger, A. Wide Contoured Thigh Cuffs and Automated Limb Occlusion Measurement Allow Lower Tourniquet Pressures. Clinical Orthopaedics and Related Research, 2004. Number 428, pages 286-293. A study conducted with 20 patients, divided in two groups using Zimmer Biomet cylindrical cuffs and Zimmer Biomet contour cuffs with a Zimmer Biomet A.T.S. 2000 Tourniquet machine **4.** J.-P. Estebe, A. Le Naoures, L. Chemaly and C. Ecoffey. Tourniquet pain in a volunteer study: effect of changes in cuff width and pressure. Anaesthesia, 2000, 55, pages 21-26.

*20 patient study conducted using Zimmer Biomet Reusable Contour Cuff and A.T.S. 1500 Tourniquet machine. This study has shown that a wide tourniquet cuff is less painful than a narrow cuff if inflated at a lower pressure, and at these lower pressures it is effective at occluding blood flow.⁴