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Wright Medical Group N.V. Expands Foot & Ankle Portfolio with GRAVITY™ SYNCHFIX™ Syndesmosis Fixation Device

GRAVITY SYNCHFIX is the Market's First Syndesmosis Fixation Device Designed to Preserve More Bone

Wright Medical Group N.V., the global leader in the orthopaedic extremities market, announced that it builds on its robust foot and ankle portfolio with the availability of GRAVITY SYNCHFIX Syndesmosis Fixation Device, allowing clinicians to provide secure, dynamic fixation across the ankle syndesmosis. GRAVITY SYNCHFIX offers low-profile syndesmosis fixation device that allows for flexible fixation and preserves bone and soft tissue, while facilitating ligament healing.

Syndesmosis fixation is necessary when patients suffer from ankle trauma, including fractures, which often cause damage to the fibular and tibial syndesmosis ligaments. In order for the ligaments to heal properly, the fibula and tibia bones must be stabilized. It is estimated that over 145,000 ankle fractures occur each year in the United States, a number that is growing by 10% annually due to an aging population (SmartTrak 2017).

“The GRAVITY SYNCHFIX technique allows me to position the device’s medial button directly on-bone and avoid impingement of nearby neurovascular structures,” said Brian Den Hartog, MD, Twin Cities Orthopedics. “This helps ensure consistent results and reduces the likelihood of patient discomfort.”

Key benefits of GRAVITY SYNCHFIX include:

- Preservation of Fibular and Tibial Bone Stock – Extraosseous medial button attachment allows for a reduced 2.8mm pilot hole compared to the market average for ankle syndesmotoc devices, which may minimize stress risers and improve fixation
- Technique Minimizes Soft-Tissue and Neurovascular Impingement – Mini-Open medial approach ensures optimal button placement, reducing the likelihood of patient discomfort from impinged tissue
- Reduced Incidence of Hardware Removal – Flexible design stabilizes the syndesmosis and minimizes the need for removal, which commonly occurs with screw fixation¹

“The GRAVITY SYNCHFIX device builds on Wright Medical’s new line of fracture solutions designed specifically for the Foot & Ankle Surgeon,” said Patrick Fisher, President, Lower Extremities, Wright Medical. “When paired with the new ORTHOLOC™ 3Di Ankle Fracture LP System, surgeons can simultaneously address ankle fractures and syndesmotoc injuries.”

About GRAVITY SYNCHFIX

The GRAVITY SYNCHFIX Syndesmosis Fixation Device is intended to provide fixation during the healing process following trauma to the ankle syndesmosis (Syndesmosis disruption) and as an adjunct in connection with trauma hardware for ankle fractures such as Weber B and C.

The GRAVITY SYNCHFIX Syndesmosis Fixation Device may be used for definitive treatment as the sole fixation device, or used in conjunction with other Wright Medical lower extremity products, including, but not limited to the ORTHOLOC 3Di Ankle Fracture LP System.

For more information about SYNCHFIX, visit: <http://www.wright.com/footandankleproducts/gravity-synchfix-syndesmosis-fixation-device>.

More information on Wright Medical’s products can be found at www.wright.com. 016184A_24-Oct-2017

1. Walley KC, Hofmann KJ, Velasco BT, Kwon JY. Removal of hardware after syndesmotoc screw fixation: a systematic literature review. Foot Ankle Spec 2017;10:252-257