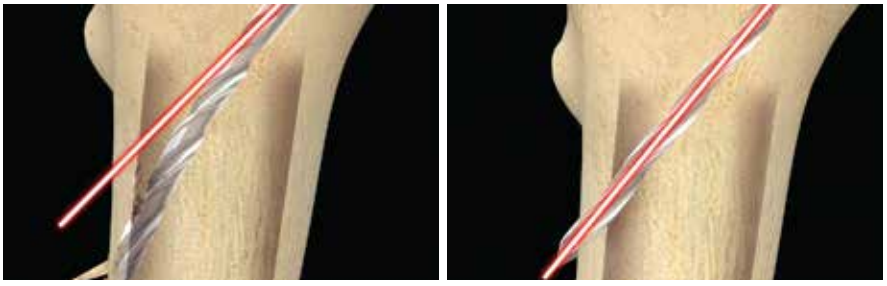
SURGiBIT®
TECHNOLOGY

SITUATION — SOLUTION

Angle of Entry

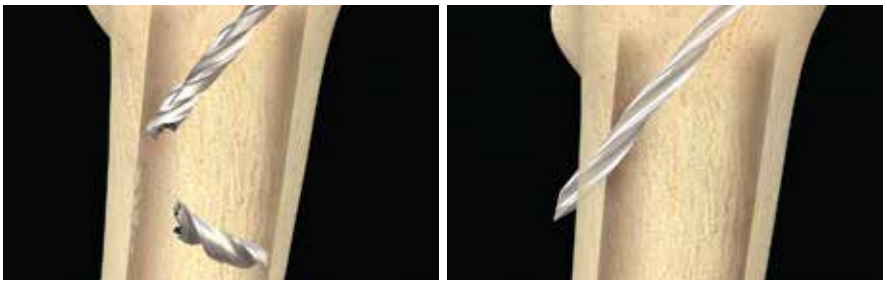
Standard bits have maximum range of 15° off axis and still make penetration. ***SURGiBIT*** achieves perfect penetration up to 60° off axis.



SITUATION — SOLUTION

Alignment of Holes

Standard bits skive on near and far cortices resulting in misplaced and misaligned holes. ***SURGiBIT***'s exclusive point design allows the drill to target accurately on either cortex resulting in both true and perfectly aligned holes — even at extreme angles.



SITUATION — SOLUTION

Durability

Standard bits can fail catastrophically. ***SURGiBIT*** performs consistently throughout an entire surgical procedure. The performance on your last site will be the same as the first.

"From my clinical experience with *SURGiBIT*® (instruments) in the operating room, I now know how a drill bit is supposed to work. It is supposed to work with precision, ease, and a minimum of effort."
— Louis Kwong, MD, Professor and Interim Chairman Department of Orthopaedics
Harbor-UCLA Medical Center

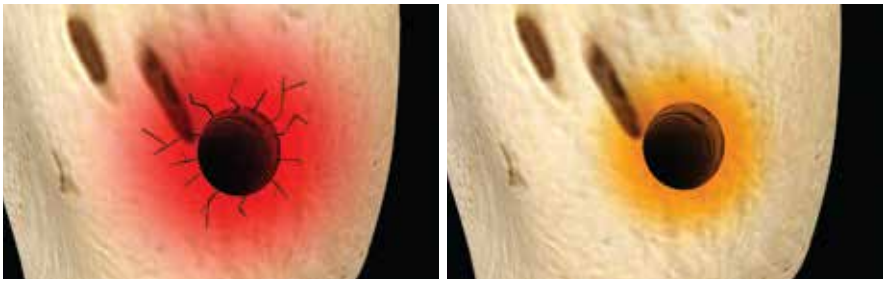
"The *SURGiBIT*® design results in less damage, less heat and less trauma to the tissues."
— W.R. Walsh, Ph.D., Professor, Director, Orthopaedic Research Laboratories,
Department of Surgery, Prince of Wales Clinical School

"The *SURGiBIT*® demonstrates clear improvements and advantages over conventional orthopaedic drills."
— Steven R. Schmid, Ph.D., P.E., C.Mfg.E., Professor, Department of Aerospace & Mechanical Engineering
University of Notre Dame - Feb 2011

SITUATION — SOLUTION

Heat and Necrosis

SURGiBIT has been proven to run at lower temperatures than standard bits, potentially leading to significant reduction in bone necrosis.



SITUATION — SOLUTION

Microfracturing

Standard bits produce high amounts of torque resulting in microfractures around the hole site. ***SURGiBIT***'s special drill tip geometry is designed to induce greater ductility in the bone in order to inhibit fracturing and increase drilling performance.

ORTHOPEDIC INNOVATION
13 Lancaster Crescent
Collaroy NSW Australia 2097

For more information, visit **www.surgibit.com**

MANUFACTURED IN THE US BY:
800-238-6981 • onyxmedical.net
1800 North Shelby Oaks Drive
Memphis, TN 38134
ISO 13485:2003/FDA 1043653
ONYX®