



## A NEW AGE OF POWERED PRECISION

Arrow® OnControl® – hard bone lesions made easy

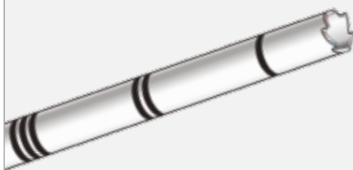
### AT A GLANCE

**RAPID ACCESS<sup>1</sup>**  
to difficult bone lesions

**PRECISE CONTROL**  
with clear visibility  
through fluoroscopy<sup>2</sup>

**HIGH QUALITY**  
core biopsy specimens,  
quickly and consistently<sup>3</sup>

**55% FASTER**  
procedure time to  
improve efficiency<sup>4</sup>



*Specially engineered cannula  
makes access to hard bones easy.*



*Power Driver accelerates access.*

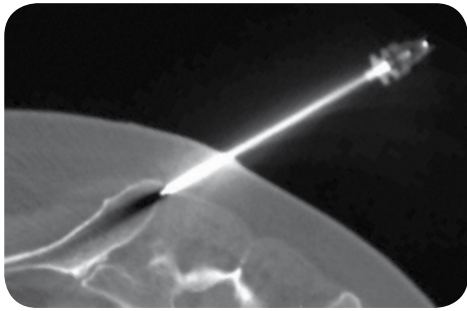
The ARROW® OnControl® Powered Bone Lesion Biopsy System is the first major advance in bone and bone marrow sampling procedures in over 40 years, providing the ability to effectively, safely, and rapidly obtain high quality specimens, even from hard bone. Our bone lesion biopsy needle is designed specifically for multiple bone biopsies from a single cortical penetration.

### A POWERFUL NEW SOLUTION FOR BONE LESION BIOPSIES

Using Teleflex's patented hand-held driver technology, the ARROW® OnControl® Powered Bone Lesion Biopsy System provides interventional radiologists a fast, reliable solution for accessing dense and hard-to-reach bone lesions.

- reduced radiation exposure for patient and operator<sup>1</sup>
- improved control<sup>2</sup> for difficult access lesions







Placement of the ARROW® OnControl® bone access needle in the iliac crest viewed through CT imaging.



The bone lesion biopsy tray contains the instruments needed for multiple, high-quality bone biopsies, from a single cortical penetration.

## VERSATILE OPTIONS FOR POWERED BONE ACCESS

ON CONTROL POWER DRIVER		ARROW
REF.		QTY
	9401	1

BONE LESION BIOPSY TRAY COMPONENTS		ARROW
<ul style="list-style-type: none"> <li>• bone access needle set</li> <li>• bone access ejector rod</li> <li>• bone lesion biopsy needle</li> <li>• bone lesion biopsy ejector rod</li> <li>• connector with sterile sleeve</li> <li>• manual handle – for minor adjustments</li> <li>• transfer rod – for marking the access point</li> </ul>		

BONE LESION BIOPSY TRAY				ARROW
REF.	NEEDLE G	ACCESS LENGTH	BIOPSY LENGTH	QTY
9462-EU-001	11 G access 13 G biopsy	15 cm	19 cm	1
9464-EU-001		10 cm	14 cm	1
9466-EU-001		6 cm	10 cm	1
9463-EU-001	10 G access 12 G biopsy	10 cm	14 cm	1

Some products not available in all markets, subject to availability. Contact your local representative. ARROW® OnControl® powered bone access systems should only be used by clinicians familiar with the complications, limitations, indications, and contraindications of the indicated procedures.

### References:

- 1 Lee RK, Ng AW, Griffith JF. CT-guided bone biopsy with a battery-powered drill system: preliminary results. AJR Am J Roentgenol 2013;201(5):1093-5. doi:10.2214/AJR.12.10521.
- 2 Garcia G, Miller LJ, Philbeck T, Bolleter S, Montez D. Tactile feedback allows accurate insertion of a powered bone access device for vertebroplasty and bone marrow sampling procedures. J Vasc and Interv Radiol 2011;22(3):S86.\*
- 3 Miller LJ, Philbeck TE, Montez DF, et al. Powered bone marrow biopsy procedures produce larger core specimens, with less pain, in less time than with standard manual devices. Hematology Reports 2011;3(e8):22-5. doi:10.4081/hr.2011.e8.\*
- 4 Swords RT, Anguita J, Higgins RA, et al. A prospective randomized study of a rotary powered device (OnControl) for bone marrow aspiration and biopsy. J Clin Pathol 2011;64(9):809-13. doi:10.1136/jclinpath-2011-200047.\*

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