**Clinical Application Series**

**VISICOIL™ Marker Implantation Trends**

VISICOIL fiducial markers are widely used in radiation therapy and IGRT. Over 10,000 patients annually benefit from higher targeting accuracy. Typical indications and implantation approaches are listed below:* 

**Prostate**
- 2 x 1 cm VISICOIL markers placed on each side of the urethra in the left and right lobe of the prostate. All 4 marker end points used for tumor targeting
- Alternative application: 3 x 0.5 cm VISICOIL markers placed in the base, mid-gland and apex triangulation

**Lung**
- Percutaneous implantation: Typically up to 3 VISICOIL markers (1 placed in the lesion, 2 optionally outside the lesion)
- Superdimension bronchoscopy approach: Usually 4 or 5 VISICOIL markers implanted in and around the tumor

**Liver**
- Typically 1 VISICOIL marker inside the tumor, one optional marker outside the tumor

**Breast**
- Physician's office: Generally 2 or 3 VISICOIL markers implanted under ultrasound for guidance during IGRT
- Breast surgeon: 4 VISICOIL markers typically implanted at the end of a lumpectomy in a hospital, also to aid in IGRT and follow up

**Pancreas**
- Generally 2 x 0.5 cm VISICOIL markers implanted via endoscopic ultrasound (EUS)

**Esophagus / Bladder**
- Typically 2 VISICOIL markers implanted in and or around the lesion

**Cervix**
- Generally 2 VISICOIL markers implanted

**Fossa Bed Prostate**
- Generally 3 VISICOIL markers implanted

**Tongue, Tonsil**
- Typically 1 VISICOIL marker implanted

* Implantation examples only! Do not rely on any information provided in this flyer when implanting VISICOIL into a patient. Refer to scientific publications (available upon request from IBA). Annual patient numbers estimated based on 2-3 VISICOIL per patient.
Safety, Efficiency and Clinical Confidence in Tumor Targeting

Patient Safety
➤ Non-migrating design
➤ Visualizing tissue deformation and motion

Treatment Efficiency
➤ Faster patient set-up based on unambiguous marker geometry
➤ One marker – two reference points

Clinical Confidence
➤ Accurate tumor targeting at planning and treatment due to minimized artifacts

Contact Details:

Europe, Middle East, Africa
IBA Dosimetry GmbH
Bahnhofstr. 5
90592 Schwarzlenbruck, Germany
Tel.: +49 9128 607 0
Fax: +49 9128 607 10
Email: info@iba-dosimetry.com

North America, Latin America
IBA Dosimetry America
3150 Stage Post Drive, Suite 110
Bartlett, TN 38133
Tel.: +1 901 432 7202
Fax: +1 901 432 7206
Toll Free: 866 429 0922
Email: visicoil@iba-group.com

Asia Pacific
IBA Dosimetry Asia Pacific
No.6, Xing Guang Er Jie Beijing
OPTO-mechatronics
Industrial Park (OIP)
Tongzhou District
Beijing 101111, China
Tel.: +86 10 8080 9288
Fax: +86 10 8080 9299
Email: info@iba-dosimetry.com

www.VISICOIL.com