

X-Ray Protective Shield for Urological Interventions

MAVIG

Innovative X-Ray Protection for Urology

Until now, the necessity of appropriate radiation protective measures for urological interventions in the lithotomy position has not been of a peculiar interest. A new study conducted by MAVIG has shown though, that the scattered radiation coming out of the patient's body leads to a high exposure to the doctor during urology interventions.

Effective radiation protection has to take into account the distinctive features of procedures carried out in the lithotomy position. The source of the radiation is in most cases above the table. This also adds to the high exposure rate of the doctor, especially for their head which is usually unprotected. Furthermore, common radiation protective shields can be seldomly used due to the special positioning of the patient and the confined space it creates. MAVIG used this as an opportunity to develop a new shield optimized to these specific requirements.

- Effective radiation protection for the head of the operator
- Optimized for procedures carried out in the lithotomy position
- Dramatic reduction in the exposure to scattered radiation, especially for the eye lens
- A perfectly shaped radiation protective shield made of highly transparent lead acrylic
- Compatible to previously installed Portegra2 ceiling suspensions
- Specially designed, sterile disposable covers for the lower third of the shield for a perfect fit and clear view

Technical Data for the X-Ray Protective Shield – Series OT81/OT91

Dimensions	Shield size 280 x 420 mm (W x H)
Lead Equivalent	Pb 0.50 mm
System Contents	Article OT81001 <ul style="list-style-type: none">• Laterally guided, X-ray protective shield.• Portegra2 suspension arm with a 750 mm long extension arm and a 910 mm long, height adjustable spring arm.• One box of 50 sterile, disposable covers. Article OT91001 <ul style="list-style-type: none">• Laterally guided, X-ray protective shield.• Portegra2 suspension arm with a 950 mm long extension arm and a 910 mm long, height adjustable spring arm.• One box of 50 sterile, disposable covers.
Accessories	Article STEA-OT6 One box of 50 sterile, disposable covers for OT81001 and OT91001



Protect Yourself and Your Back Without Adding Weight or Stress



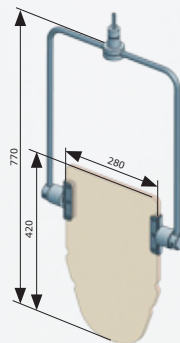
OT81001
OT91001

Solid protection and optimized functionality are guiding principles for all radiation protective shields made by MAVIG.

The newly developed design is ideally suited for the urological workflow. The shield offers optimal protection against scattered radiation for the operator in a highly restricted workspace during urologic interventions carried out in lithotomy position.

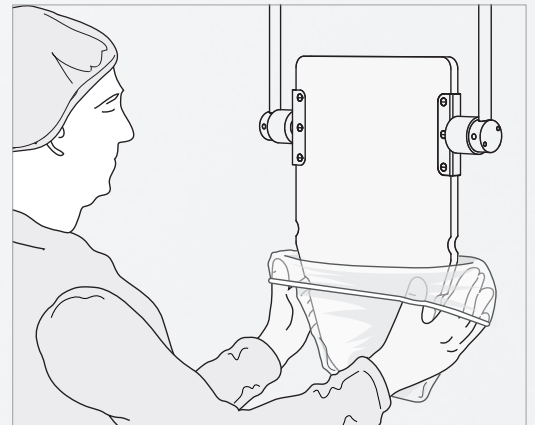
The high quality shield made of lead acrylic allows for an excellent transmittance and hence an unimpeded view. All edges and corners have been rounded, and shatter-proof materials are used to minimize the risk of injury to the user and patients.

The laterally guided protective shield can be easily installed with MAVIG's patented Portegra2 suspension arm, which is known industry wide for its safety features and movement flexibility.



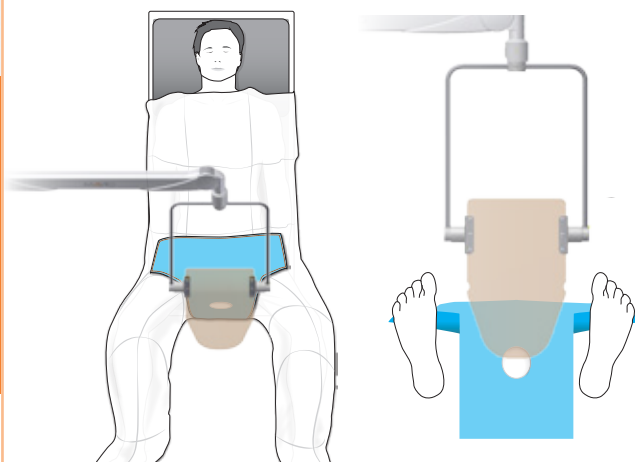
The use of radiation protective clothing additionally to the on-site protection is mandatory.

Specially designed, sterile covers for the lower third of the shield allow you to work in a sterile environment and at the same time, have an unobstructed view through the upper part of the shield



Sterile, disposable covers (STEA-OT6) for X-Ray protective shields allow you to work under sterile conditions.

Optimized Radiation Protection with Drapes Radionex® AS1006 and Gloves HS100



Ideal radiation protection can be achieved by combining our new shield with our AS1006 sterile, disposable radiation protective drapes for the lithotomy position, as well as, our sterile radiation protective gloves HS100.





Recognising Challenges, Shaping the Future. Radiation Protection for Workspaces in Urology.

Until today, seamless and safe radiation protection for the user's entire head during urologic interventions carried out in the lithotomy position was nearly impossible to realize.

With MAVIG's new solution, this can now be easily achieved.

Ideal radiation protection with MAVIG's newly developed shield for urologic interventions means to you:

*A higher level of protection without having to carry more weight
and no limitations in the workflow due to the simple adaptability
of the shield to the room.*

PORTEGRA²



Portegra2 – A worldwide standard for reliable, ceiling mounted radiation protection and equipment support

For many years now, MAVIG has been the first choice for ceiling suspension systems and radiation protection for many practices and hospitals. The reliable systems have proven with their quality, maximum safety, and the utmost versatility.

Optimized for the daily routine in hospitals and radiology practices, our systems are also suitable for the suspension of our new radiation protective shield for urologic interventions.

Portegra2 is the innovative solution to the necessary, on-site radiation protection in modern interventional radiology.

We will gladly support you in finding the optimal X-ray protection solution to fit your room and use.

MAVIG Life Cycle Testing ensures the highest possible quality for all delivered products. MAVIG standard products are CE compliant and in most cases UL listed. In addition, MAVIG is certified by the TUV Product Service ISO 13485:2003.



MAVIG GmbH
Headquarters

MAVIG GmbH
X-Ray Protection and Medical
Suspension Systems
Stahlgruberring 5
81829 Munich
Germany
PO Box 82 03 62
81803 Munich
Germany
Phone +49 (0) 89 / 420 96 - 0 Fax:
+ 49 (0) 89 / 420 96 - 200 e-Mail
info@mavig.com
www.mavig.com
ТОВ „ОНКОМЕДІКА“
Уповноважений представник в
Україні
01014, Україна, м. Київ, вул.
Звіринська, 63
+ 38 (044) 228 84 17
+ 38 (097) 959 10 89
info@oncomedica.ua
www.oncomedica.ua
www.mavig.com.ua

WORLDWIDE MAVIG OFFICES

Nordic & Baltic Countries
MAVIG Nordic

Stockholm
Sweden
Phone: +46 (0) 722 25 25 68
e-Mail: larsson@mavig.com

Benelux, GB, Ireland
MAVIG B.V.

Dunne Bierkade 28
2512 BD Den Haag
Netherlands
Phone: +31 (0) 70 345 99 85
Mobile: +31 (0) 61 595 43 48
e-Mail: simmonds@mavig.nl

France
MAVIG France SARL

66, Ave. des Champs Elysées
F-75008 Paris
France
Phone: +33 (0)1 30 59 46 23
Fax: +33 (0)1 30 59 46 23
e-Mail: info@mavig.fr

China
MAVIG Healthcare Beijing Co., Ltd.

Tower 1, Block C - Room No. 2607
Wangjing SOHO
Futong East Street No. 1
Wangjing Area, Chaoyang District
Beijing 100102, China
Phone: +86 - 10 - 46 79 62 88
Fax: +86 - 10 - 46 79 62 88
Mobile: +86 - 13 70 122 85 86
e-Mail: zhang@mavig.com

REPRESENTATION

USA & Canada
Ti-Ba Enterprises, Inc.

25 Hytec Circle
Rochester, NY 14606
USA
Phone: +1 (1) 585 247 1212
Fax: +1 (1) 585 247 1395
(international)
1 800 836 8422
(in the USA)
e-Mail: mavig@ti-ba.com

Middle East & Northern Africa
Mena Medical Development

Ashrafieh - Adlieh Square - Alfaras St.
- Alboustany Building, 5th floor
Beirut
Liban
Phone: +961 14 23 499
Fax: +961 14 26 499
e-Mail: mavig@mena-md.com

www.mavig.com