

Wound Protector Retractor System

ANKALAPS
Woop
WOUND PROTECTOR



Retraction Ring



Maximum
Protection



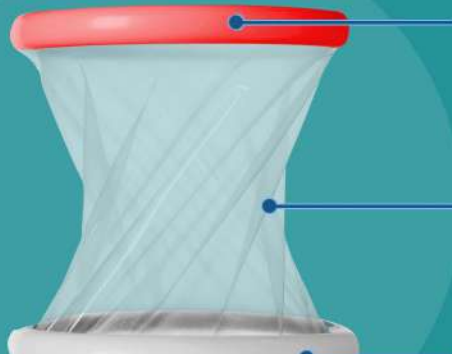
Maximum
Visibility



Minimum
Infection Risk



Without Cover



The upper ring can be easily adjusted by folding on itself according to any abdominal wall thickness. It is produced in a soft structure as standard. Optionally, when used with the retractor ring, the retractor turns into a rigid model.

Polyurethane film wraps the wound lips well and makes buffer for bleeding. Protects the wound lips against contamination. Maintain moisture. Provides excellent appearance in incision area.

Flexible distal white ring is inserted through the incision and easily removed at the end of the procedure.



Retraction Ring

Post - op Infection Risks

Approximately 2-5% of patients undergoing boarding surgery experience a wound infection. Patients who develop wound infection are on average 7-10 days more at hospital. About 60% of these patients are in intensive care. The risk of mortality in this case is 2 to 11 times higher than in patients with no infection.

360° Provides 360° Atraumatic Retraction

- › Increases visibility and working space.
- › Minimize the potential risk of trauma and pain with distributing force evenly.
- › Allows for maximum exposure with a minimum incision size.

360° Provides 360° Protection

- › Significantly decreases wound infection.
- › Allows visualization of wound margins.
- › Maintains moisture at the incision site.

Offers Ultimate Versatility

- › Quick and effortless set up.
- › Used in all types of operations.
- › Maximizes the surgical efficiency and reduces the need of hand holdable retractors.
- › Facilitates the laparoscopic procedures.

Usage Areas



General

Inguinal Hernia Repair (XS, S) Thyroidectomy (XS, S) Appendectomy (S, M), Splenectomy (L, XL).



Bariatric

Lap Gastric Bypass (XS, S), Open Gastric Bypass (L, XL).



Colon & Rectal

Lap Colectomy (S, M Laparoscopic System), Open Colectomy (L, XL).



OB/OGYN

Postpartum Tubal Ligation (XS), Bilateral Salpingo Oophorectomy (XS, S), Mini-Laparotomy (S, M) Myomectomy (S, M, L), Cesarean Section (L, XL).



Breast

Lumpectomy (XS, S), Mastectomy (S, M), Sentinel Lymph Node Biopsy (XS, S).



Orthopaedic

Total Shoulder Arthroplasty (S), Total Hip Arthroplasty (S, M, L).



Cardiothoracic

Video-Assisted Thoracoscopic Surgery (VATS) (XS, S) Mitral Valve Repair/Replacement (S, M) Thoracotomy (S, M).

Wound Protector Retractor Without Cover Dimension Table

	Incision Length	Pulley Diameter	Length	References				Pieces/Box
				Hard/Round	Soft/Round	Hard/Square	Soft/Square	
XXS	1,0 - 3,0 cm	25 mm	80 mm	AIPXXS-HR	AIPXXS-SR	AIPXXS-HS	AIPXXS-SS	5 Pcs
XS	2,0 - 4,0 cm	50 mm	110 mm	AIPXS-HR	AIPXS-SR	AIPXS-HS	AIPXS-SS	5 Pcs
S	2,5 - 6,0 cm	80 mm	125 mm	AIPS-HR	AIPS-SR	AIPS-HS	AIPS-SS	5 Pcs
M	5,0 - 9,0 cm	110 mm	200 mm	AIPM-HR	AIPM-SR	AIPM-HS	AIPM-SS	5 Pcs
ML	7,0 - 11,0 cm	130 mm	200 mm	AIPML-HR	AIPML-SR	AIPML-HS	AIPML-SS	5 Pcs
L	9,0 - 14,0 cm	150 mm	220 mm	AIPL-HR	AIPL-SR	AIPL-HS	AIPL-SS	5 Pcs
XL	11,0 - 17,0 cm	200 mm	250 mm	AIPXL-HR	AIPXL-SR	AIPXL-HS	AIPXL-SS	5 Pcs
XXL	15,0 - 23,0 cm	250 mm	250 mm	AIPXXL-HR	AIPXXL-SR	AIPXXL-HS	AIPXXL-SS	5 Pcs



- ✓ Adapts to different incision sizes.
- ✓ Provides 360° atraumatic retraction.
- ✓ Provides 5–12 mm standard laparoscopic instrumentation passage.
- ✓ Provides greater freedom of movement thanks to the low profile design.
- ✓ Provides a flexible fulcrum for standard laparoscopic instrumentation.
- ✓ Maintains pneumoperitoneum for continuous access.
- ✓ Facilitates large sample extraction with simple separation from the Woop retractor.

Wound Protector Retractor With Laparoscopic Cover

Model	Reference		Application	Number Of Ports	
	Hard Round	Hard Square		5 mm	10 mm
WOOP/S-PORT	AIPXS-HR/C-S	AIPXS-HS/C-S	Single Port Surgery	2	2
WOOP/M-PORT	AIPXS-HR/C-M	AIPXS-HS/C-M	Laparoscopic Breast Surgery	2	2
WOOP/R-PORT	AIPXS-HR/C-R	AIPXS-HS/C-R	Laparoscopic Rectal Surgery	2	2
WOOP/L-PORT-S	AIPS-HR/C	AIPS-HS/C	Laparoscopic Surgery	-	1
WOOP/L-PORT-M	AIPM-HR/C	AIPM-HS/C	Laparoscopic Surgery	-	1
WOOP/V-PORT-S	AIPS-HR/C-VS	AIPS-HS/C-VS	Laparoscopic Vaginal Surgery	2	1
WOOP/V-PORT-M	AIPS-HR/C-VM	AIPS-HS/C-VM	Laparoscopic Vaginal Surgery	2	1