

A faint, light gray outline of a world map is centered in the background of the slide. The map shows the continents of North America, South America, Europe, Africa, Asia, and Australia.

ShangRing Technique

Contribution to the World

A decorative graphic on the right side of the slide consists of several overlapping, semi-transparent green triangles and polygons of various shades, creating a modern, abstract background.

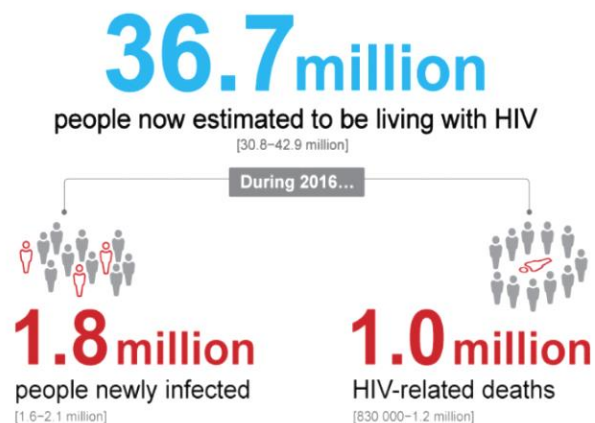


The Status of AIDS

HIV continues to be a major global public health issue, having claimed more than 35 million lives so far. In 2016, 1.0 million people died from HIV-related causes globally.

There were approximately **36.7 million** people living with HIV at the end of 2016 with 1.8 million people becoming newly infected in 2016 globally.

Summary of global HIV epidemic (2016)



Summary of global HIV epidemic (2016)

Number of people living with HIV in 2016	Total	36.7 million [30.8 million – 42.9 million]
	Adults	34.5 million [28.8 million – 40.2 million]
	Women	17.8 million [15.4 million – 20.3 million]
	Men	16.7 million [14.0 million – 19.5 million]
Children (<15 years)		2.1 million [1.7 million – 2.6 million]
People newly infected with HIV in 2016	Total	1.8 million [1.6 million – 2.1 million]
	Adults	1.7 million [1.4 million – 1.9 million]
	Children (<15 years) 160 000 [100 000 – 220 000]	
	AIDS deaths in 2016	
Total		1.0 million [830 000 – 1.2 million]
Adults		890 000 [740 000 – 1.1 million]
Children (<15 years)		120 000 [79 000 – 160 000]

Source: UNAIDS/WHO estimates.

Three randomized controlled trials in Africa (2003 to 2006)

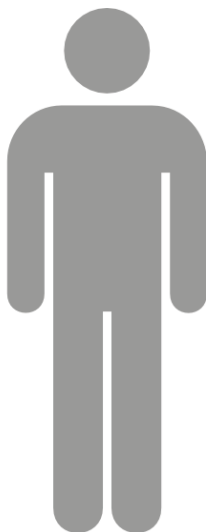
Male circumcision significantly reduces the risk of HIV infection **>60%**



- **South Africa 76%**
- **Kenya 60%**
- **Uganda 55%**



Benefit for Both Male and Female



Reduce HIV infection approximately 60%
Reduce HPV infection 32%-35%
Reduce HSV-2 infection 32%-35%
Urinary tract infection 32%-35%
Significantly reduce the incidence rate of gonorrhea
Significantly reduce the incidence rate of chancroid
Significantly reduce syphilis infection
Significantly reduce trichomonas vaginalis infection
Significantly reduce the incidence rate of balanitis,
phimosis and penile cancer

Reduce incidence rate of cervical cancer
Reduce trichomonas infection 45%
Reduce bacterial vaginosis infection 18%
Reduce genital tract ulceration 22%
Reduce chlamydia trachomatis infection 82%
Improve genital tract health



Breakthrough Innovation Technology



Inventor

Mr Shang Jianzhong

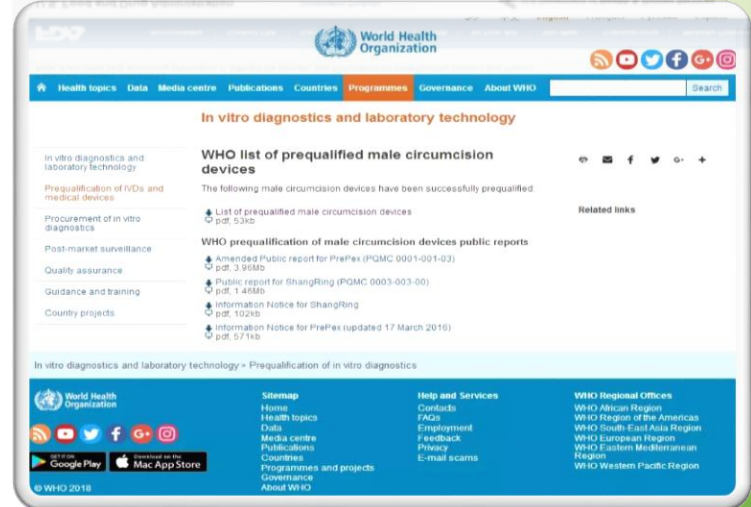


ShangRing™

ShangRing with FDA And WHO PQ



FDA 510(K)
Clearance

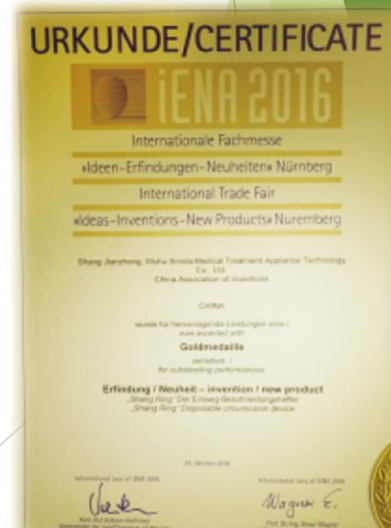


WHO List
of PQMC

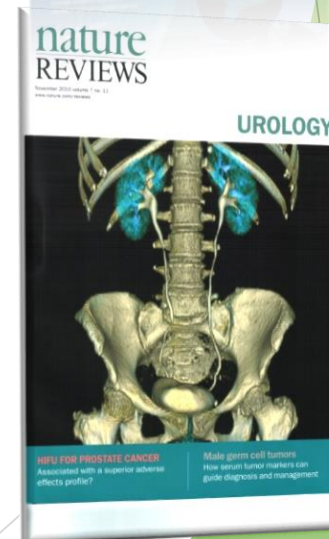
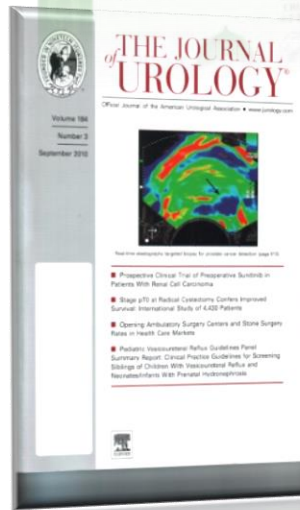
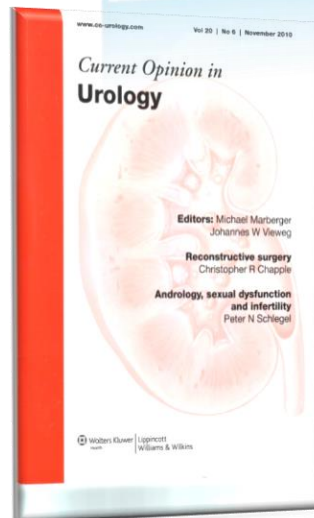
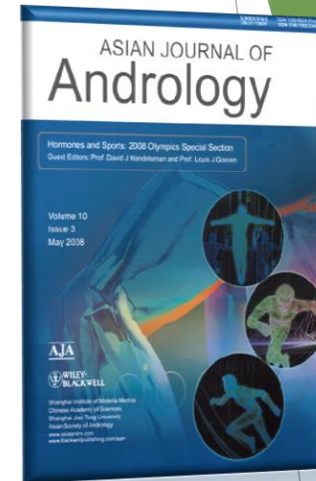
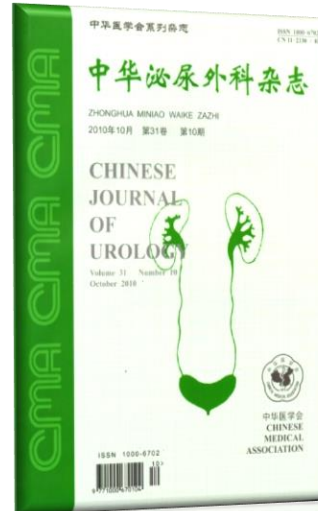
International Awards



DIPLÔME



Academic Papers



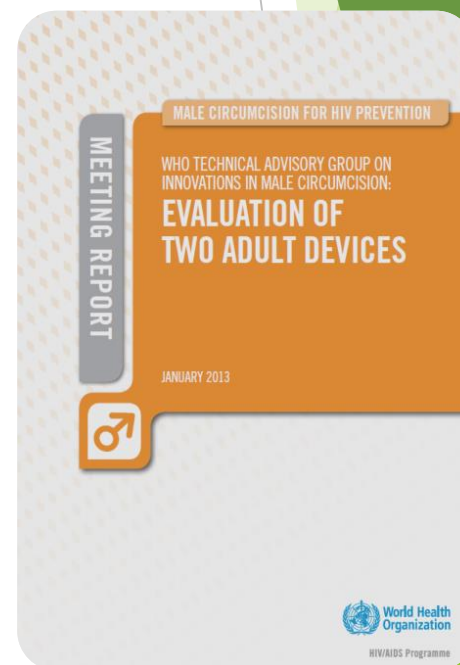
WHO/TAG: ShangRing-5 RCT & Clinical Studies in Africa

WHO/TAG Report (2013): **ShangRing, n=1,983**

Table 5: Adverse Events in all Shang Ring studies combined

Type of Event	Number		Per cent
Number of device placements	1,983		
Serious AEs	0		0.0% [0.0%, 0.2%]
Moderate AEs	20		1.0% [0.6%, 1.6%]
Pain placement (PAIN)	8		0.4%
Pain leading to early removal (PREM)	2		0.1%
Infection (INFD)	4		0.2%
Bleeding (BLDD)	1		0.1%
Wound disruption (WNDD)	2		0.1%
Insufficient skin removed (ISKR)	3		0.1%
Other events	0		
Mild AEs	43		2.2% [1.6%, 2.9%]
Anaesthetic complication (ANAE)	1		0.1%
Pain placement (PAIN)	13		0.7%
Oedema (OEDP)	3		0.2%
Injury (INJP)	3		0.2%
Partial detachment (DETD)	3		0.2%
Bleeding (BLDD)	2		0.1%
Wound disruption (WNDD)	15		0.8%
Insufficient skin removed (ISKR)	3		0.1%
Other events	0		

- ShangRing is safe and effective in over **99%** of patients
- No serious AE were found



[Source: WHO Technical Advisory Group on Innovations in Male Circumcision: Evaluation of Two Adult Devices (Meeting report) : **August 2013**. ISBN 978 92 4 150563 5]

Thank you



**Our efforts can help ensure
a safer, healthier world!**