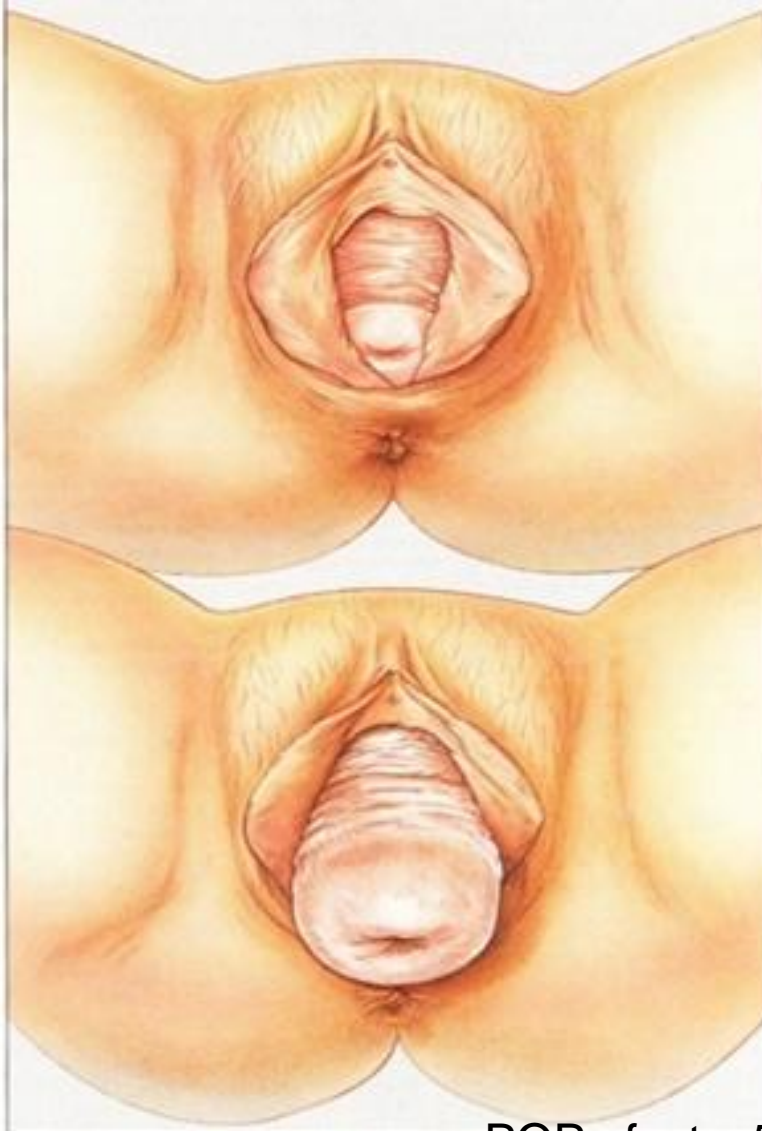


EFFECTIVENESS OF RING PESSARY IN TREATMENT OF GENITAL PROLAPS AT THE HOSPITAL OF OBSTETRICS AND GYNECOLOGY



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Introduction



Age 40-50

8%

Age 70-90

10%

POP in Viet Nam

POP effects 50% multiparous women, 21% women has symptoms

introduction

✓ POP Treatments : Vaginally surgery, and laparoscopy.

✓ Comment features of women has POP:

- + Elderly women

- + Medical condition

- + Desire future fertility

Introduction



Flexible PVC material

Sizes available (mm)

50	53	56	59	62	65	68	71	74	77	80	85	90	95	100	110
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- ✓ Ring pessary (RP) is the most common type, made by PVC, circle, flexible and has 16 different diameter sizes (from 50mm to 110mm)
- ✓ Till now, in Viet Nam there are not many researches studied about evaluating effectiveness and side effects of RP

objectives

1. To study the effectiveness and side effects of the Ring Pessary in *treatment of genital prolaps*
2. *To assess the acceptability among women using the Ring Pessary in treatment of genital prolapse at the National Hospital of Obstetrics and Gynecology*

Subjects and method

- 1. Place and time:** National hospital of obstetrics and gynecology, from Sept. 2015 to Sept. 2016
- 2. Research design:** Clinical trial without control group
- 3. Sampling methods**
 - ✓ Group : N 30 women diagnosed with POP, convenience method
 - ✓ 30 women had fully examination after 1 month: 03 cases had to remove RP, 01 case stopped studying, and 01 case had to reset device
 - ✓ After 6 months: 02 cases had to remove, 25 cases were replaced another RP and continued using RP.

Subjects and method

4. Subjects

Acceptance sampling

- ✓ Women were diagnosed with POP in National hospital of Obstetrics and Gynecology
- ✓ Patient have no PVC allergy history
- ✓ Patient preference for surgery alternative, medical condition, desire future fertility
- ✓ Voluntary joining in the study

Unacceptance sampling

- ✓ Patient refused the research
- ✓ Unfollow examination schedule, PVC allergy, active genital infection, bleeding vagina
- ✓ Partial Hystorectomy

Subjects and method

5. Process of collecting data

Examining and choosing patients into the research



Indicating and using RP



Re-examining after 1 month



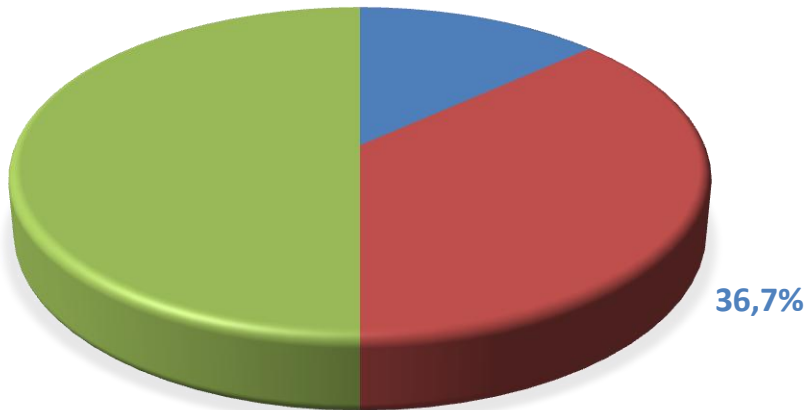
Re- exmaning after 3 months



Re- examining after 6 months, then finish .

Results - Discuss

1. Some features about patients



Occupation:

Farmer(50%),
retirement(26,6%), other jobs

OB/GY history:

Delivery times: 4,0 1,8 lần.
40% 3-4 times, more than 4
times(33,3%).
86,7% menopausal.

Timing:

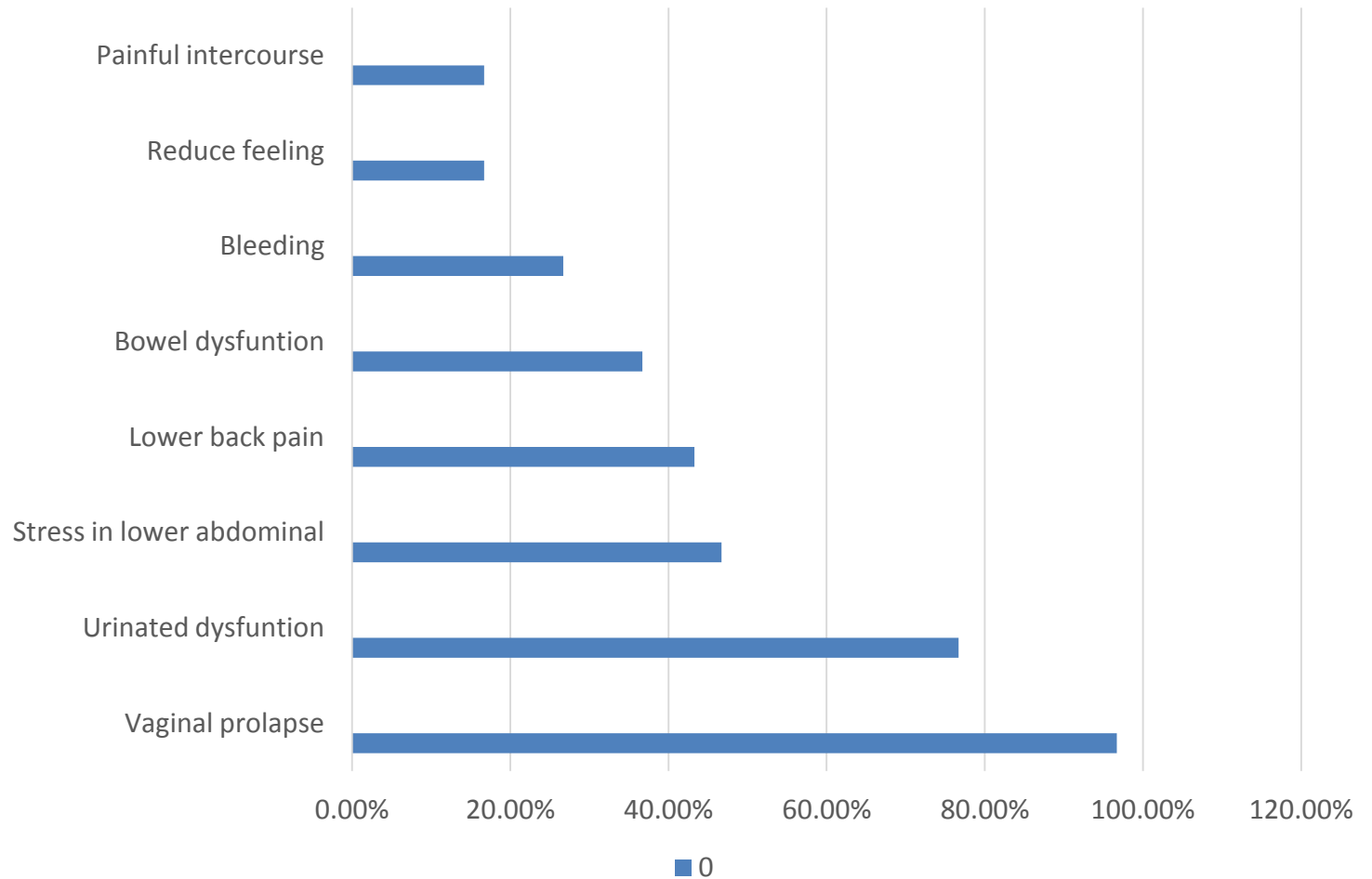
2 months- 45 years
53,3% 1 year – 5 years.

Average age: 62,2 11,9

Chart 1. Ages

Results and Discuss

Chart 2: Symtoms



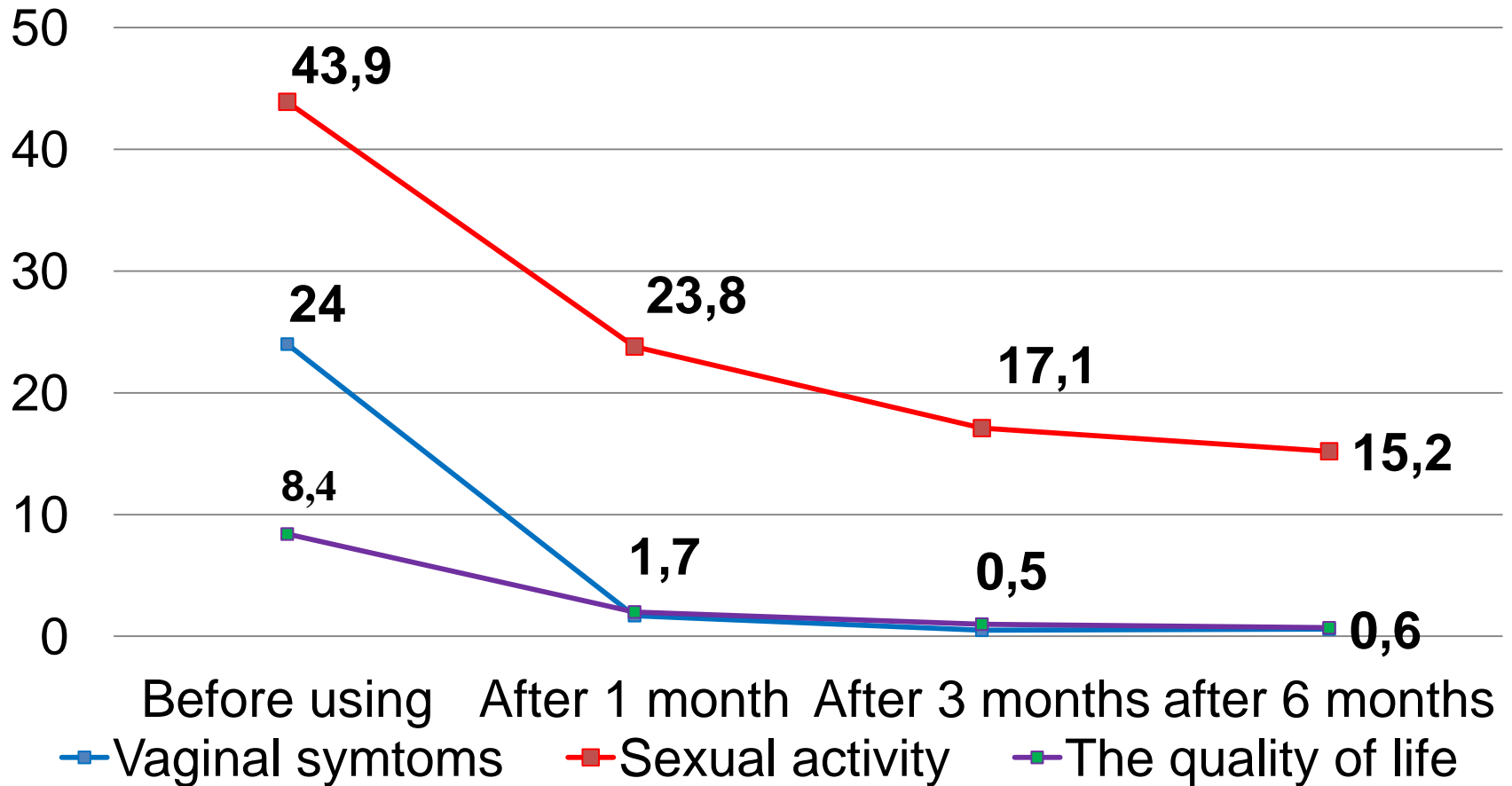
Results and discuss

Table 1. The prolapse organs

The prolapse organ		n	%
<i>The prolapse organ</i>	Hystocele	28	93,3
	Cystocele	9	30,0
	Rectocele	27	90,0
<i>Numbers of prolapse organ</i>	1	5	16,7
	2	16	53,3
	≥ 3	9	30,0

Results and Discuss

2. The effectiveness and side effects of RP



Results and Discuss

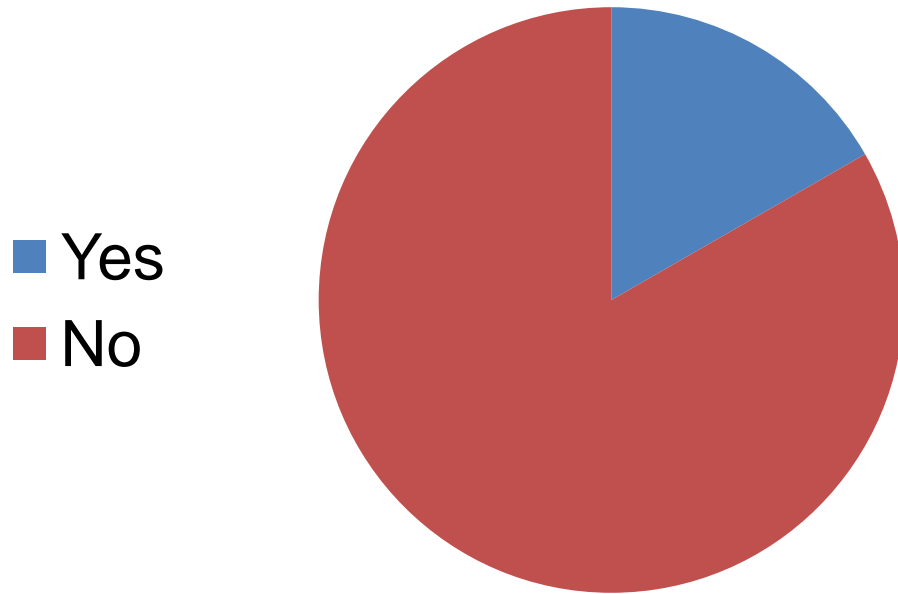
Table 2. The rate of symtoms by the time

Symtoms	Before using(n=30)	After 1 month (n=30)	After 3 months (n=27)	After 6 months (n=27)
Incontinence	16 (53,3)	1 (3,3)	1 (3,7)	0 (0,0)
Frequency- urgency	17 (56,7)	0 (0)	0 (0)	0 (0)
Incomplete bladder emptying	17 (56,7)	0 (0)	0 (0)	0 (0)
Constipation	13 (43,3)	1 (3,3)	0 (0)	0 (0)
Incomplete bowel emptying	14 (46,7)	2 (6,7)	0 (0)	0 (0)
Difficulty in moving	25 (83,3)	0 (0)	0 (0)	0 (0)
Difficulty in sitting	15 (50)	1 (3,3)	0 (0)	0 (0)
Prolong the cleaning time	27 (90,0)	1 (3,3)	1 (3,7)	3 (11,1)
Painful intercourse	11 (36,7)	2 (6,7)	0 (0)	0 (0)

Results and Discuss

- ✓ Successful goals : manage of prolapse organs without sores, ulcers, bleeding, sclerosis in vaginal wall
- ✓ Successful rate after 1 month , 3 months and 6 months : 56,7%, 51,9% và 44,4%.

Results and Discuss



- ✓ The rate of using after 6 months 83,3%.
- ✓ Only 1 patient droped RP after 6 months(3,3%)

Chart 4. Removed rate (n=30)

Results and Discuss

Side effects of RP

Table 3. Side effect of RP

Symtoms	Before using	After 1 month	After 3 months	After 6 months
Increased discharge	3 (10,0)	12 (40,0)	8 (29.6)	11 (40,7)
Congestion	8 (26,7)	8 (26,7)	11 (40,7)	12 (44,4)
Fibrous tissue	0 (0)	1 (3,3)	1 (3,7)	5 (18,5)
Uncomfortable	0 (0)	3 (10,0)	0 (0)	2 (7,4)

Results and Discuss

3. The acceptance in using RP

Column1

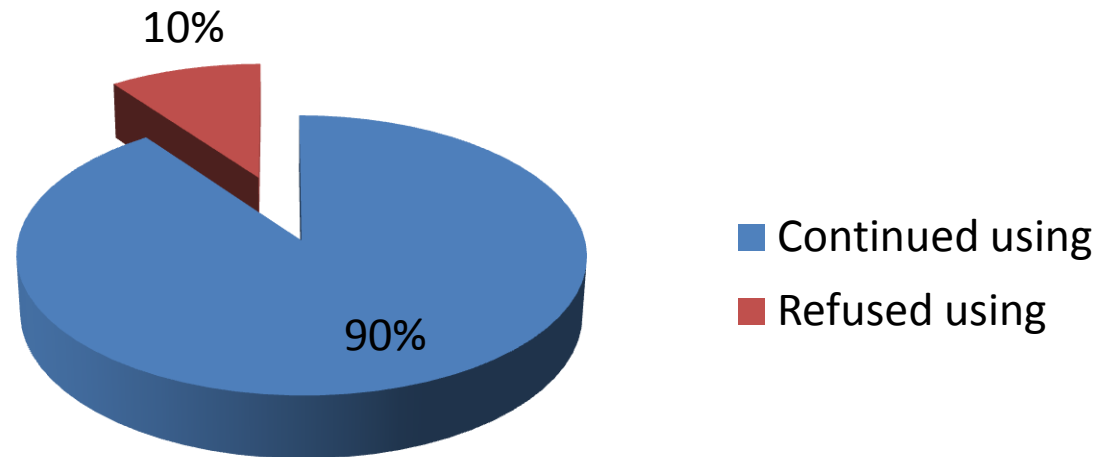


Chart 5. Accept to continue using / Refuse to continue (n=30)

Results and discuss

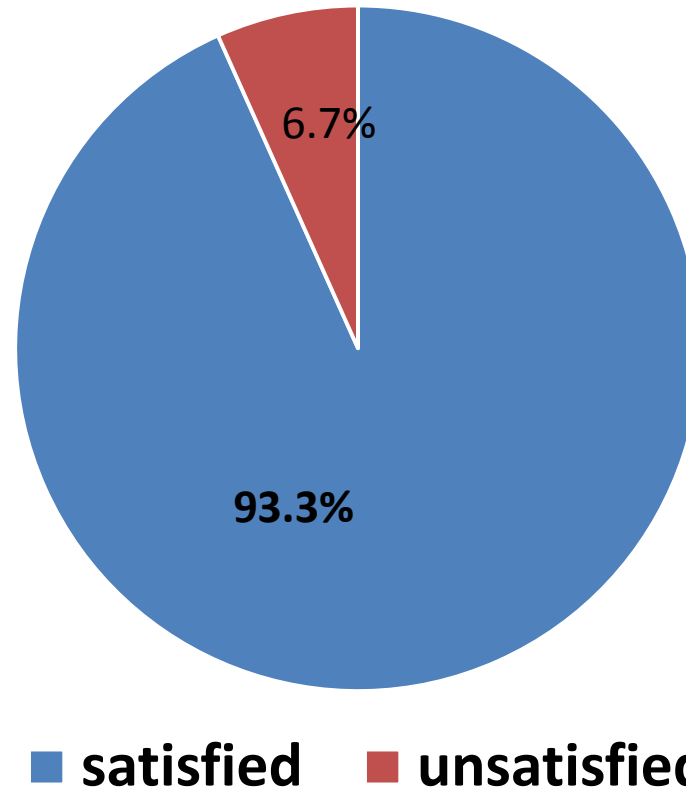


Chart 6. Patients were satisfied with RP (n=30)

Conclusions

1. Effectiveness and side effects of RP in treating POP

- ✓ To reduce most of vaginal symptoms, to improve sexual activities and quality of life
- ✓ To decrease bladder and bowel dysfunction.
- ✓ The most common side effect symptoms: congestion (44,4%); increased vaginal discharge (40,7%); fibrous vaginal wall(18,5%).
- ✓ After 6 months, rate of removed RP 16,7% (5/30).

Conclusions

2. Acceptabilities among women using RP

The vast majority of women accepted and was satisfied with the device

- ✓ 90% patients want to continue after 6 months
- ✓ 93,3% patients felt satisfied and cảm thấy hài lòng và highly satisfied

Images of POP





Thank you