




**PRELIMINARY SURVEY SIDE  
EFFECTS OF CONTRACEPTIVES  
IMPLANT AFTER IMPLANTING  
SIX MONTHS**

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# INTRODUCTION




- Implant is a temporary contraception contain progestin.
  - Number of clients who use Implanon raise from 308 (2014) to 407 (2017).
  - Some side effects often occur in the first 6 months.
  - Objectives: *To assess side effects during the first 6 months of using Implanon.*
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# **SUBJECTS AND METHODS**




## **Subjects**

- All of clients use Implanon NXT at the centre for reproductive health consultation and family planning, National Hospital of Obstetrics and Gynecology from 1 June 2017 to 31 August 2017.
  - Follow up after 3 months, 6 months to 28 February, 2018.
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## **Methods**

- Study design: prospective study.
  - Clients use Implanon NXT who agree to participate in the study, will be given a side-effects reporting form.
  - Statistical analyses were performed using SPSS 20.0.
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- Tracking informations:
  - Site of insertions: swelling, congestion, hurt, infection.
  - Menstruation: menorrhagia, hemorrhage, amenorrhea, regular.
  - Weight changes: gain or lose.
  - Acne.
  - Vaginal dryness, decrease of libido.
  - Headache, nausea, the rod has been placed too deeply or can't be felt.
  - Other side effects.



# **RESULTS AND DISCUSSION**



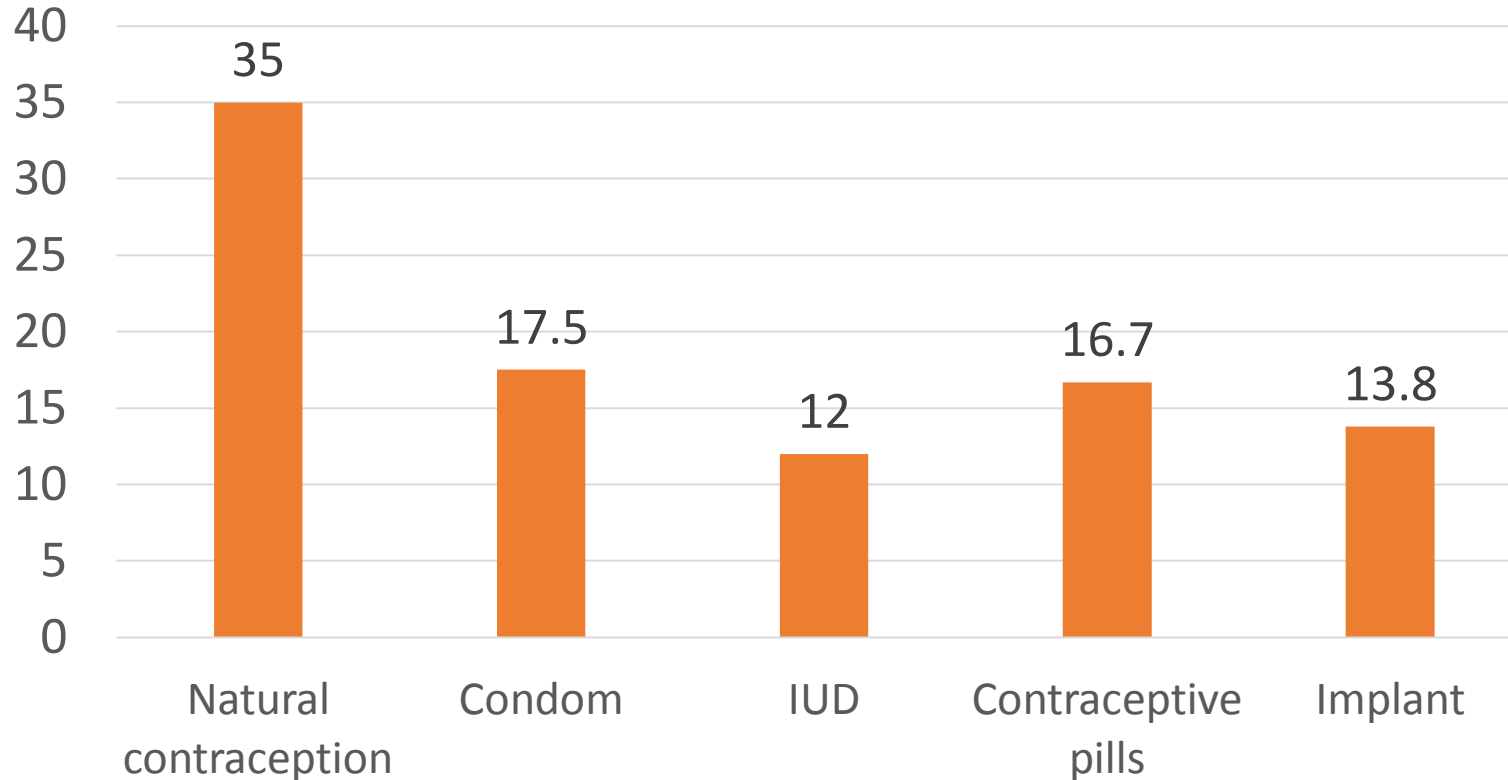


## 1. Characteristics of objects

Characteristics		n	%	Doan Thi Ai	Asmah Mastor	Amanda Smith
Age	≤ 24	5	4.2			
	24 – 29	23	19.1			
	30 – 34	56	46.7			
	35 – 39	30	25.0			
	≥ 40	6	5.0			
Average age		32.3		29.68	34.7	24
Number of children	1	15	12.5	80.2%	94.2%	
	2	82	68.3			
	≥ 3	23	19.2			
Delivery measures	Normal delivery	55	45.8			
	Cesarean	65	54.2			



## 2. Previous contraception



Contraceptive methods



### 3. Menstrual periods

Period	Before		After		Doan Thi Ai		Gezginc
	n 120	%	n 120	%	Before	After	After
<b>Regular</b>	74	61.8	4	3.3	77.1	60.7	17.5
<b>Light</b>	23	19.1	35	29.2	11.9	0	
<b>Heavy</b>	23	19.1	0	0	9	0	0
<b>Amenorrhea</b>	0	0	51	42.5	0	29.2	41.25
<b>Menorrhagia, hemorrhage</b>	0	0	30	25.0	0	10.1	23.75



## 4. Treatment

Period	n	Treatment		Treatment method		Result	
		Yes	No	Consult	Medicine	Success	Unsuccess
Amenorrhea	51	0	51	0	0	0	0
Light	35	0	35	0	0	0	0
Regular	4	0	4	0	0	0	0
Menorrhagia, hemorrhage	30	18	12	0	18	11	7

**Removal: 7 cases; 5,9%.**



## 5. Non-menstrual side effects.

Side effects	n	%	Doan Thi Ai		Gezginc	Pushpa
Weight changed	39	32.6	2	2.7		
Gained $\geq$ 5kg	10	8.3				7.5%
Vaginal dryness	31	25.8				
Decrease of libido	32	26.7			2.5%	
Site of insert	49	40.8				
Acne	19	15.8	7	7.4	10%	
Headache	14	11.7	15	5.2	3.75%	
Nausea	4	3.3	22	7.6		
Other side effects	16	13.3				



## **6. Remove Implanon**

There are 9 cases (7,5%):

- 7: bleeding is prolonged.
- 1: weight gained 8 kg in 4 months.
- 1: multi side effects.



# CONCLUSIONS



- Implanon is a highly cost-effective form of long-acting temporary contraception.
- Reduce menstrual bleeding.
- Prolonged bleeding: 25%, treatment: 15%, success in treatment: 61.1%.
- During the study period, 9 cases was removed.
- Non - menstrual side effects:
  - ✓ Weight changed: 39 cases (32.5%), gained  $\geq 5$  kg: 10 cases (8.3%).
  - ✓ Vaginal dryness: 31 cases (25.8%) and decrease of libido: 32 cases (26.7%).
- 92.5% of cases continued using Implanon after 6 months.





**THANK YOU!**

