

Appendix 1 Survey on Diseased Organ Removal through Natural Orifice

Laparoscopic surgery is performed through small holes without large abdominal wound. Pain is less after laparoscopic surgeries. The patient returns to daily life faster. Inflammation and hernia are less in the surgical sites. Although the surgery is laparoscopic, the abdomen must be cut a little to remove the diseased organ. These wound reduces these benefits of laparoscopic surgery. It has been recently discovered to use the stomach, large intestine, and vaginal tract to remove the diseased organ without large wound. This method is not very well-known by surgeons and patients in our country.

The purpose of this survey is to find out your thoughts on natural removal of the diseased organ.

Age _____ Gender _____ Occupation _____

Marital status (married, single, separated) _____

Educational status (primary school, middle school, high school, college) _____

Height _____ Weight _____

Reason for coming to the hospital _____

Have you ever had a surgery? Yes No

1) Do you care about the surgery scar?

Yes No

2) Do you want to undergo surgery without a scar?

Yes No

3) Why do you want to undergo surgery without a scar?

a) Aesthetic reasons c) Reducing the possibility of hernia at the surgery site b) Less painful d) All

e) Other

4) Have you heard of the natural surgical technique? If yes, from where?

a) Yes (Where did you hear it?) b) No

5) How would you feel if you had a surgery in the abdomen and the diseased organ was removed from the vaginal tract rather than by large wound?

a) Positive b) Not sure c) Negative

6) Are you concerned about your sexual life?

a) Yes b) No c) I am not sure.

-----Information about natural orifice surgery (NOSE)-----

(What kind of method is it? What diseases is it used for? What advantages does it have over laparoscopic surgery?)

7) Do you want to undergo through a natural way?

a) Yes b) No c) Not sure

8) Do you want a gynecological surgery with this method?

a) Yes b) No c) Not sure

9) Does surgeon gender affect your choice?

a) Yes b) No c) I am not sure

10) What are your thoughts about this method?

a) Positive b) Negative c) I'm not sure

11) Which route do you prefer if you undergo surgery with this method?

a) Stomach b) Large intestine c) Vaginal tract

12) Do you recommend this method to your relative?

a) Yes b) No c) Not sure

13) Which method do you prefer if you undergo cholecystectomy surgery?

a) Conventional surgery b) Laparoscopic surgery c) Natural surgery

14) In which circumstances do you prefer NOSE cholecystectomy surgery?

a) I never prefer b) Maybe in some surgeries c) Maybe for any suitable surgery

15) If you know that laparoscopic surgeries have the risk of hernia albeit at a low level, would you prefer the natural way?

a) Yes b) No c) Not sure