

| A- Relations of the surfaces | A- Relations of the surfaces is |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Superio | or surface covered by peritoneum |  | Base (posterior surface) |  | Two inferolateral surfaces |
|  | In male: | 1) Sigmoid colon <br> 2) Coils of small intestine. |  | 2. The lower part is related to the rectum separated from it by | er part is covered by peritoneum of the al pouch containing coils of small | 1) 2 Seminal vesicles. <br> 2) 2 Ampulla of the vas deference. <br> 3) 2 Ejaculatory ducts | 1- have no peritoneal covering $\text { 2- related to; }\left[\begin{array}{l} \text { 1- Retropubic pad of fat. } \\ \text { 2- Obturator internus muscle. } \\ 3-3 \text { - Levator ani muscle. } \end{array}\right.$ |
|  | Infe |  | erior surface of the uterus <br> ils of small intestine. | 1- has no peritoneal covering (base)$\begin{aligned} & \text { 2- It is related to the rectum separated from it } \\ & \text { by } \end{aligned}$ |  |  | Same |
| Relations of the angles: | B-Relations of the angles: |  |  |  |  |  |  |
|  |  | ${ }^{1-\text { Apex: }}$ |  |  | 2- Neck (inferior angle): | 3-Postero-superior angles | or angles |
|  | In male: | 1-1tis directed anteriorly $\qquad$ <br> 2- lies behind the upper border of the symphysis pubis <br> 3- It is continuous with the umbilicus by a median umbilical ligament. |  |  | $\begin{aligned} & \text { 1- Inferiorly _ it rests on the base of the prostate gland } \\ & \text { 2- Anteriorly _ attached to the pubo-prostatic ligament } \\ & \text { 3- Posteriorly _ related to the ejaculatory duct. } \end{aligned}$ | receive the ure |  |
|  | In female: | Same |  |  | 1- Inferiorly _it rests on the pelvic fasica. <br> 2- Anteriorly _ the pubo-vesical ligament. <br> 3- Posteriorly _ the anterior wall of the vagina. | Same |  |
| Interior (mucosa) of the bladder: | It is lined <br> 1-Trigone <br> 2- Interur <br> 3- Internal <br> 4- In male, <br> 5- The mu <br> 6- The wa <br> 7- Size: the <br> 8-Shape |  | nal epithelium and shows folds exce <br> sodermal in origin) <br> s is a triangular area on the posterio bladder wall. $\text { bound by } 3 \text { lines }-\int_{\text {And the inte }}^{\text {line connect }}$ <br> between the 2 ureteric orifices <br> meatus _is situated at the apex $\text { the bladder }-\left\{\begin{array}{l} \text { slight elevation be } \\ \text { is produced by the } \end{array}\right.$ <br> ladder are composed chiefly of the capacity of the bladder is 250 cc but es: When the bladder is (empty) h | the trig <br> wall of <br> ing the 2 <br> nal ureth <br> $-$ <br> f the trig <br> hind the in <br> median <br> detrusor <br> it can ac <br> ardened in | teric orifices <br> orifice <br> between the 2 ureteric orifices <br> forms the base of the trigone. <br> e. <br> rnal urethral meatus <br> of the prostate. <br> scle. <br> mmodate up to 500 cc of urine without discomfort <br> tu, it has the shape of a Ifour-sided pyramid. | ممَّن تشا <br> تَشاءُ <br> مـه | هحمَّمالِكِعَ الملنكِ <br> كِّهِ الملكَ منَ تَشاءُوتْنِعُ المللكَ وعِعزُ من تَشاءُ وتُنِذُّ منَ تَشاءُ <br> رِكِ الخيرُ <br> ع علنَ كُلِّ شيهٍ قِدرٌ <br> حمنَ الدُّنِا واآآخَدِ ورحِمهِا <br> عِّهما منَ تَشاءُ وتَمنعُ منهما منـ <br>  <br> . |
| Ligaments of the urinary bladder: | \% | 11 <br> Median ending ff Two med bilical art <br> Two Late e of the <br> Posterio dder to th Pubo-pos k of the | A- True ligaments <br> mbilical ligament (oblitrated urachus) from the apex to the umbilicus <br> dial umbilical ligaments, obliterated teries <br> ral true ligaments extend from the bladder to the side of the pelvis. <br> true ligament extends from the the sacrum. <br> static (male) Pubo-vesical (female) om the back of the pubis to the bladder |  | B- False ligaments <br> of the peritoneal folds covering the igaments. <br> dian umbilical fold. <br> vo medial umbilical folds. <br> wo lateral false ligaments. <br> osterior false ligament. |  |  |
| Blood supply: | 1 الالرضهع الفرهي |  |  |  |  |  |  |
|  | Arterial supply: |  |  |  |  |  |  |
|  | Venous dranage: |  | The veins form a venous plexus; then drain into the internal iliac vein.$\text { Lymphatic drainage: }-\left\{\begin{array}{l} \text { 1- Mostly into the external iliac lymph nodes. } \\ 2 \text { - Partly Into the internal iliac, and common iliac } \\ \text { lymph nodes. } \end{array}\right.$ |  |  |  |  |
|  | Neve supply: |  |  |  |  |  |  |

