4-associated feature with ascites include distortion or aversion of umbilicus and abdominal striae

Investigation:

1-Ultra sound

2-Radiographic

3-Abdominal Paracentesis

General appearance and color may help to identify the causes like:

cirrhosis and H.F; clear, or slight yellow

T.B-straw-color

Infection –cloudy

Malignant –bloody

**Two type of fluid in Aspiration**

Exudate protein more than 30gm/l

Transudate protein less than 30gm/l Causes, liver cirrhosis, H.F, nephritic synod.

**Manifestation of renal diseases**

|  |
| --- |
| PAIN ; Renal pain Ureteric pain Urinary bladder pain |
| Amount of urine…  Normal 500-2000ml  Abnormal-polyuria more than 2000ml  -oliguria less than 500  - anuria less than 50 or no urine  -nocturia 🡪 night urination |
| Dysuria painful urination |
| Frequency |
| hesitancy |
| urgency |
| precipitancy |
| Color of urine  -normal  -abnormal  1- dark yellow urine  2- darkening on standing- porphyria, alcaptonuria  3- red urine - hematuria, |

|  |  |
| --- | --- |
| Features related to urine voiding  1- enuresis  2- incontinence  3- retention  4- retention with over flow | General features related to renal disease  1- fever  2- vomiting  3- edema |