

## RESULTS

For 10 patients (6 women ; 4 men) underwent a CT staging following of extensive clinical assessment for rectal carcinoma diagnosed by proctoscopy and proctoscopic biopsy. 4 patients were evaluated based on barium enema examination. One patient was subjected for endorectal sonography and TRUS guided biopsy.

| Cases | Age | Sex | Ba.<br>enema | TRUS | Clinical findings | CT         |
|-------|-----|-----|--------------|------|-------------------|------------|
| I     | 30  | F   | —            | —    | Bleeding/ rectum  | Grade IIIb |
| II    | 58  | M   | +            | —    | Constipation      | Grade IIIa |
| III   | 47  | F   | +            | —    | Constipation      | Grade IV   |
| IV    | 75  | M   | —            | —    | Constipation      | Grade IIIa |
| V     | 54  | F   | +            | —    | Bleeding / rectum | Grade IV   |
| VI    | 20  | F   | —            | —    | Constipation      | Grade IIIb |
| VII   | 47  | M   | —            | —    | Bleeding / rectum | Grade II   |
| VIII  | 18  | F   | —            | —    | Constipation      | Grade IIIb |
| IX    | 68  | M   | +            | +    | Bleeding / rectum | Grade II   |
| X     | 50  | F   | —            | —    | Pelvic pain&mass  | Grade IV   |

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Stage of rectal cancer in 10 patients by CT examination:

| Stage | No of men | No of women | Mean age years |
|-------|-----------|-------------|----------------|
| I     | —         | —           | —              |
| II    | 2         | —           | 57 years       |
| IIIa  | 2         | —           | 66 years       |
| IIIb  | —         | 3           | 22 years       |
| IV    | —         | 3           | 50 years       |

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## CT Findings

| Case No. | Intraluminal mass | Pelvic mass/thickened wall | perirectal fat infiltration | Thickened perirectal fascia | Lymphadenopathy | Distal metastases | Stage |
|----------|-------------------|----------------------------|-----------------------------|-----------------------------|-----------------|-------------------|-------|
| 1        | +                 | +                          | +                           | +                           | +               | -                 | IIIb  |
| 2        | +                 | +                          | +                           | +                           | +               | -                 | IIIa  |
| 3        | -                 | +                          | +                           | -                           | +               | +                 | IV    |
| 4        | +                 | +                          | +                           | +                           | +               | -                 | IIIa  |
| 5        | +                 | +                          | +                           | +                           | +               | +                 | IV    |
| 6        | +                 | +                          | +                           | +                           | +               | -                 | IIIb  |
| 7        | -                 | +                          | +                           | -                           | -               | -                 | II    |
| 8        | +                 | +                          | +                           | +                           | +               | -                 | IIIb  |
| 9        | -                 | +                          | +                           | +                           | -               | -                 | II    |
| 10       | +                 | +                          | +                           | +                           | +               | +                 | IV    |