

Huge Fibroid-Polyp: A Case Report

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Abstract: Huge cervical polyp causing diagnostic dilemma is rarely encountered in gynaecologic practice. The objective of this study is to document a case of huge cervical polyp masquerading as cervical cancer seen and managed at PDVVPF's Medical College & hosp, Ahmednagar. A 45 year multiparous not living with husband, presented with fullness of vagina, mass coming out of introitus since 18 months, foul smelling discharge and on and off per-vaginal bleeding since 1 year. On local examination large irregular mass about 20x10x7cm seen outside the introitus covered with infected shaggy dirty white membrane that bleeds on touch. On Bimanual examination: Uterus was bulky about 6 to 8 weeks gestational size and mass was coming through cervix. Differential diagnosis of fibroid-polyp, ca cervix, fibrosarcoma was considered. Pap smear and cervical biopsy showed only inflammatory changes with no evidence of malignancy. After 2 blood transfusion and control of local infection with systemic antibiotic, patient was taken for Abdominal Hysterectomy. The mass weighed 1.2 kg. Post operative recovery was uneventful histopathological report-confirmed Fibroid-polyp. Although giant cervical fibroid is rare, it may masquerade as cervical malignancy or uterine inversion. Proper evaluation is needed to make an accurate diagnosis, anticipate operative challenges and strike a judicious and rational approach about deciding the route of hysterectomy.

Keywords: Cervical fibroid-polyp, Abdomino-Vaginal approach

INTRODUCTION

Leiomyoma is the commonest of all uterine and pelvic tumours, with an incidence of almost 20% in women of reproductive age group. Most leiomyomas are situated in the body of uterus but in 1-2% of cases they are confined to cervix [1]. Cervical leiomyoma is commonly single and is either interstitial or subserous. Rarely does it become submucous or polypoidal. Huge cervical fibroid-polyp causing diagnostic dilemma is rarely encountered in gynaecological practice. Only handful of cases have been reported in the literature [2,3]. The objective of this case report is to document a huge cervical fibroid-polyp masquerading as cervical cancer & managed at PDVVPF's Medical College & hosp, Ahmednagar.

CASE REPORT

A 45 year multiparous not living with husband, presented with fullness of vagina, mass coming out of introitus since 18 months, foul smelling discharge and on and off per-vaginal bleeding since 1 year and difficulty in walking. Past menstrual history revealed normal cycles. Patient's general and systemic examination was normal except for severe pallor. Abdominal examination revealed no abnormality. On local examination large irregular mass about 20x10x7cm seen outside the introitus covered with infected shaggy dirty white membrane that bleeds on

touch. Per-speculum examination difficult due to huge mass. On Bimanual examination: Uterus was bulky about 6 to 8 weeks gestational size and mass was coming through cervix. Per rectal examination: rectal mucosa and parametrium free. Differential diagnosis of fibroid-polyp, ca cervix, fibrosarcoma was considered. Pap smear and cervical biopsy showed only inflammatory changes with no evidence of malignancy.

After 2 blood transfusion and control of local infection with systemic antibiotic, patient was taken for Abdominal Hysterectomy. Routine abdominal hysterectomy was proceeded upto makendrots and uterosacral ligaments, and specimen was delivered vaginally and hysterectomy completed. The mass weighed 1.2 kg. Post operative recovery was uneventful histopathological report- confirmed Fibroid-polyp.

DISCUSSION

The present case was the only case of giant cervical polyp in our centre over last 9 years, thus reaffirming its rarity observed by previous workers [2,5,6,7,8]. Massinde co-workers from Tanzania reported a case of large cervical polyp with uterine prolapse in a 55 years old multiparous woman. Khalid and Colleagues from lebenon reported a case of giant cervical polyp in a sexually inactive nulliparous lady.

Amesse and Colleagues reported a case of huge cervical polyp in adolescence.

Most of the reported cases of giant or huge cervical polyp were found in perimenopausal women like ours. The symptom complex presented by patient-huge mass coming out per vaginum associated with vaginal bleeding & discharge was consistent with established data & mimicked cervical malignancy, thus emphasising the importance of Histological examination particularly in environment where cervical carcinoma is common (like ours) [2,4,6]. However it is documented that only about 2 % of cervical polyp undergo malignant transformation, but it cannot be overlooked. The treatment for cervical polyp is polypectomy, however in our case it was combined with total abdominal hysterectomy as patient had completed family size.

CONCLUSION

Although giant cervical fibroid-polyp is rare, it may masquerade cervical malignancy or uterine inversion and proper evaluation is needed to make an accurate diagnosis. In case of cervical fibroid or submucosal, pedunculated fibroid-polyp, it is imperative to have thorough pre operative evaluation, anticipate operative challenges and strike a judicious and rational approach about deciding the route of hysterectomy. Large central cervical fibroid-polyp is very difficult to handle and needs an expert hand to operate as in the present case.



Fig: 1 large irregular mass covered with infected shaggy dirty white membrane that bleeds on touch



Fig: 2 Specimen showing uterus with cervix and large fibroid-polyp

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