

INCIDENTAL PERITONEAL CARCINOMATOSIS OF KNOWN METASTATIC BREAST CANCER AT THE TIME OF LAPAROSCOPIC HYSTERECTOMY

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BACKGROUND

The peritoneal cavity is a rare and potentially life-threatening metastatic site of breast cancer, with a reported prevalence of 0.7%, accounting for 7.6% of women affected by distant metastasis of breast cancer [1]. Peritoneal metastases are more commonly associated with invasive lobular carcinoma and carry a poor prognosis, with most women being asymptomatic at the time of diagnosis [2].

CASE REPORT

67-year-old nulliparous postmenopausal female

Total laparoscopic hysterectomy and bilateral salpingo-oophorectomy for persistent post-menopausal bleeding and thickened cystic endometrium on ultrasound

PHx:

Stage IV lobular breast carcinoma with metastases to bone

- Recurrence following previous right mastectomy
- On Tamoxifen and Zolendronate

Steroid-induced hypertension and myopathy

Recurrent urinary tract infections

Ocular myasthenia gravis

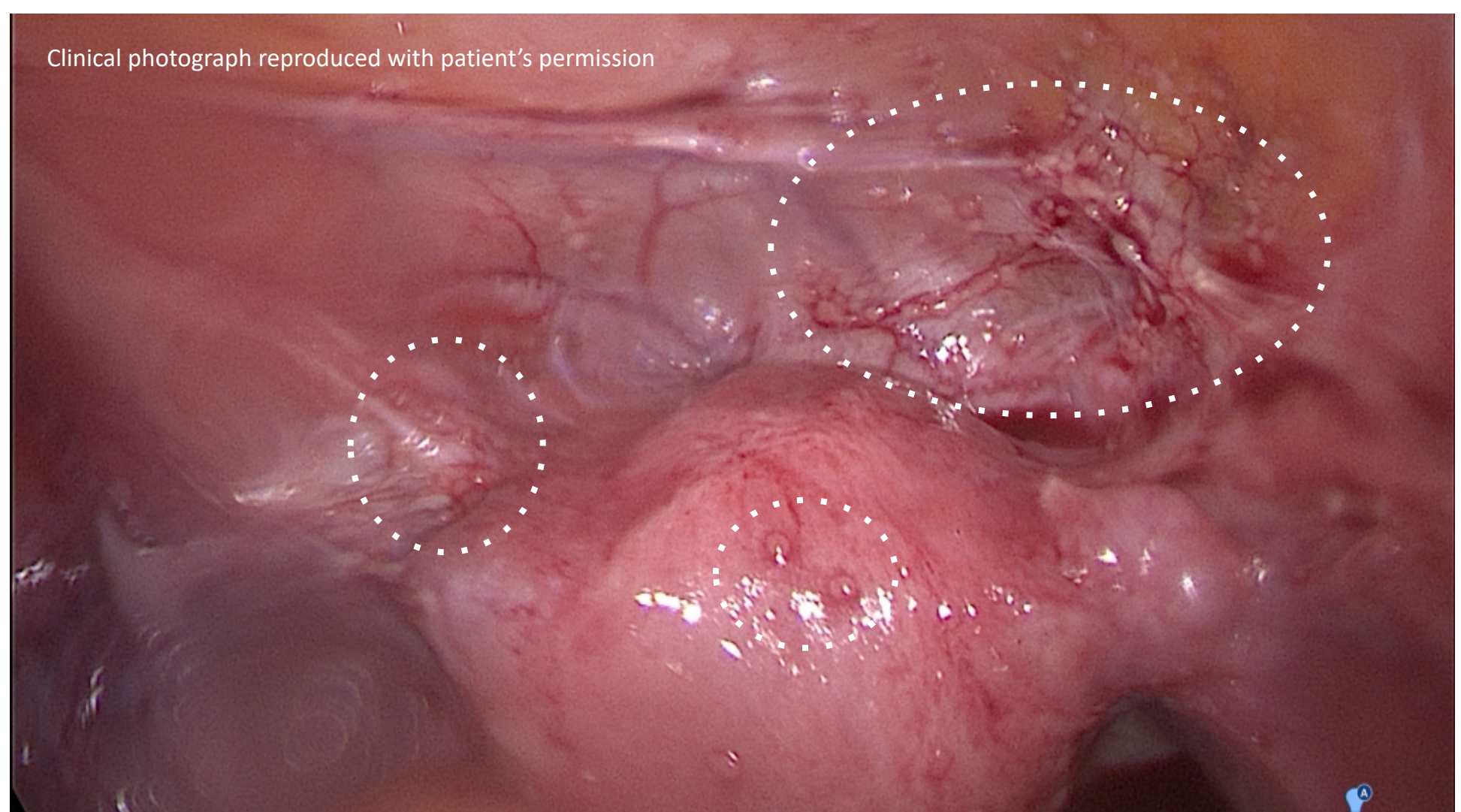
Genital herpes

Depression

Bipolar affective disorder

Chronic fatigue syndrome

Polymyalgia rheumatica



HISTOPATHOLOGY REPORT

Multiple small deposits of metastatic malignancy with signet ring differentiation seen on serosa of both ovaries, bilateral fallopian tubes and uterus, consistent with metastatic lobular carcinoma of the breast

POST-OPERATIVE COURSE

Uncomplicated recovery besides possible mild vault infection treated empirically with oral antibiotics

Emergence of abdominal symptoms post-operatively – altered bowel habit, abdominal distension and pain, per rectal bleeding

Re-staged with CT chest/abdomen/pelvis – progressive bone disease in T10

Tamoxifen changed to Letrazole

Palliative radiotherapy to spine

Colonoscopy +/- haemorrhoid banding pending

REFERENCES

1. Bertozzi S et al. Prevalence, risk factors, and prognosis of peritoneal metastasis from breast cancer. 2015 Nov 10;4:688.

2. Moore EK, Roylance R, Rosenthal AN. Breast cancer metastasising to the pelvis and abdomen: what the gynaecologist needs to know. 2012 Jun;119(7):788-94.

