CASE REPORT

Outcome of a multimodal therapy of a recurrent adenocarcinoma arising from Caesarean section scar endometriosis – A case report

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ABSTRACT

Background: Endometriosis occurring in surgical scars is a well-described entity. Malignant transformation of endometriosis is a rare event, with most cases belonging to adenocarcinoma. The initial surgical treatment is a method of choice. Due to lack of therapeutic recommendations, adjuvant therapy and recurrence management are a great challenge for oncologists.

Aim: The aim of this paper was to present a long-term survival as the outcome of multimodal therapy in the patient with recurrent adenocarcinoma arising from Caesarean section scar endometriosis.

Case: We present the case of a woman with recurrent adenocarcinoma arising from Caesarean section scar endometriosis. The disease was first diagnosed in September 1997 at age 43. The patient underwent abdominal hysterectomy with tumour excision. Due to a local recurrence after 4 years, tumour excision with abdominal wall repair using a plastic mesh, regional lymphadenectomy, bilateral salpingo-oophorectomy and adjuvant radiotherapy for the pelvic region with local boost were performed; in addition hormonotherapy with medroxyprogesterone was started. Because of a recurrent pelvic tumour, chemotherapy, further local palliative radiotherapy and brachytherapy were administered. Subsequently distant metastases in bilateral axillary lymphnodes were diagnosed and palliative radiotherapy was performed. The patient died of morbus neoplasticus generalisatus in September 2008. The follow-up period had been 132 months.

Conclusion: This paper is, to our knowledge, the only report in literature that presents a long-term survival as the outcome of multimodal therapy in the patient with this rare diagnosis. Further reports of new cases can help establish optimal treatment guidelines.

Keywords: Endometriosis, Adenocarcinoma, Caesarean scar