OVARIAN ENDOMETRIOMAS AND PERITONEAL ENDOMETRIOSIS – DIFFERENT CLINICAL IMPLICATIONS OF THE DISEASE

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Problem statement

Isolated ovarian endometriomas and peritoneal endometriosis are believed to be different expressions of the same etiopathogenic entity. Nevertheless, clinical signs and symptoms, clinical and imagiologic diagnosis, and treatment options usually require individualization according to two main consequent issues: pain severity and infertility. Determining clinical features of patients with both forms of endometriosis can be useful in understanding different outcomes between ovarian endometriomas and peritoneal endometriosis.

Methods

- Surgical diagnosed endometriosis patients (**n=383**) (Gynecology Department, Coimbra University Hospital Center:2006-2015)
- Surgical reports were analyzed in order to establish two groups.

Comparison

Isolated endometriomas (IE)

Peritoneal endometriosis (PE)
with/without endometriomas

Results

Age at diagnosis

Symptoms

Category

Considering 2 groups: isolated endometriomas versus diffuse peritoneal endometriosis

Symptoms

Infertility

CA-125 levels

- Age at diagnosis
- Body mass index
- Age at menarche
- Menstrual pattern
- Obstetric history
- Previous abdominal surgery

p=n.s.

Conclusion

Isolated ovarian endometriomas and peritoneal endometriosis were similarly associated to pain complaint, mainly chronic pelvic pain and acute cyclic pain. Despite ovarian endometriomas label the disease to advanced stages, peritoneal endometriosis was related to more severe consequences, regarding infertility. CA-125 levels were significantly elevated in isolated ovarian endometriomas when compared to peritoneal endometriosis and this is an interesting observation to consider concerning endometriotic and clear cell ovarian cancer carcinogenesis.

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