

**INSULIN-LIKE GROWTH FACTOR I RECEPTORS
EXPRESSION IN MYOMETRIUM AND
LEIOMYOMAS**

Thesis

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"سبحانك لا علم لنا إلا ما علمتنا إنك أنت العليم الحكيم"

صدق الله العظيم

سورة البقرة من الآية ٣٢

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ABSTRACT

- Objective:** The purpose of this study is to determine if the myometrium has receptors for insulin-like growth factor I and to evaluate the relation between (IGF-I) and the development of leiomyoma.
- Study design:** An immunohistochemical of (IGF-I) receptor in 50 patients, 30 of them with leiomyoma and 20 with normal myometrium.
- Results:** It was found that both myometrium and leiomyoma showed positive expression for (IGF-I) receptors and the expression was more elevated in leiomyoma but no significant difference was found.
- Conclusion:** We believe that there may be a role for (IGF-I) in the development of leiomyoma.
- Key words:** IGF-I - IGF-I receptors - Leiomyoma

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