People with leiomyoma tend to develop keloid and hypertrophic scars

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Keloids and hypertrophic scars have been reported to worsen with pregnancy and puberty. Our experiences in our institution suggest that patients with abnormal scars tend to have a history of uterine fibroids. To determine whether abnormal scars and uterine fibroids share a common etiological factor, we identified 300 outpatient visitors who visited the obstetrics and gynecology department in 2017 and were diagnosed with uterine fibroids. We then sent them a questionnaire by post. The treatment history, wound properties, and medical history of all patients were recorded. In total, 145 completed questionnaires were returned. Of these 145 patients, 78 had myoma that was treated with surgery. Of these 78 patients, 44 (56%) developed abnormal scars after surgery. Of the 67 patients who underwent surgery for other obstetric/gynecological reasons. This suggests that patients with uterine fibroids may have a higher incidence of abnormal scarring after abdominal surgery than patients with other diseases. Further research is needed to understand the relationship between uterine fibroids and abnormal scarring and to identify the etiological factors that drive both conditions.