

# LETTER TO THE EDITOR

## Dear Editor

Subsequent to body reaction to surgical incision and the scar tissue formation, many patients get discomforting symptoms such as pain and itching at the site of scar tissue. Determining the exact pathology is necessary for proper treatment. Ultrasound is a diagnostic tool for this purpose.

Through a study we assessed 25 symptomatic patients at 20-50 years of age with history of abdominal surgery. The symptoms were pain, burning sensation, itching, lump, and cyclic pain at the site of the incision at menstruation time.

Sonographic findings included, normal skin (n=2; 8%), non specific changes (n=6; 24%), herniation (n=8; 32%), endometriosis (n=4; 16%) and foreign body (most probably suturing material remnants) (n=5; 20%).

Except the normal skin and non-specific changes (n=8; 32%), the patients with other pathologies (n= 17; 68%) received the cause-specific treatment.

Thus, we suggest that ultrasound studies could be considered as a method to determine the pathology at the site of the incisional scars in symptomatic patients.

Sincerely yours

Saeed Derhami MD

Radiologist at Shahriar Hospital, Tehran