CASE REPORT

A 70-year-old woman was admitted to our hospital with a complaint of bulging in the right lower portion of the abdomen. The bulging was in accordance with an old operative scar for appendicitis. The findings of computed tomography (CT) showed defects in the abdominal muscles and the protrusion of the intestine into the subcutaneous fat. The patient was diagnosed with incisional hernia after appendectomy and underwent a repair of the incisional hernia, using the prolene hernia system double-layer mesh. The patient's post-operative course was excellent. Recently, the prolene hernia system, double-layer mesh was reported to be effective for groin hernias due to its advantageous protection the recurrence through reinforcement of the patient's myopectral orifice. It is suggested that this new device is also useful for small incisional hernias. J. Med. Invest. 50: 108-111, 2003

Keywords: incisional hernia, prolene hernia system
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![Image of a medical scan with labels: Subcutaneous fat, Muscle, Pre-peritoneal fat.]

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The image shows a medical scan with labels indicating different layers of tissue: Subcutaneous fat, Muscle, and Pre-peritoneal fat. This likely represents a cross-sectional view of the abdomen, possibly highlighting regions of interest for medical investigation or research.
T. Miyauchi et al.  Incisional hernia