Meetings International
SciTechnol

Xuefeng Xia et al., J Liver Disease Transplant 2018, Volume: 7
DOI: 10.4172/2325-9612-C1-011

International Conference on
GASTROENTEROLOGY AND ENDOSCOPY
June 18-19, 2018 | Tokyo, Japan

# Two cases about mesh adhesion to intra-abdominal cavity tissue after using mesh to repair incisional hernia

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Abdominal incisional hernia is a common postoperative complication. With upgrading of new type surgical anti-adhesion mesh and development, mesh repair is a widely adopted procedure, particularly in a laparoscopic era. However, there were few reports about abdominal cavity condition after using these new type surgical anti-adhesion meshes to repair incisional hernia. In this report, we presented two cases. One was a 72-year-old male and the other was a 62-year-old female. Both of those two patients suffered abdominal operations and had incisional hernias after the first surgeries, and underwent open incisional hernia anti-adhesion mesh repair operations. Both of them had recurrence incisional hernias after the first repair operations. During the second hernia repair operations with laparoscope, intestine tissue and omentum were found adhesive to the old meshes seriously. Adhesion in abdomen could cause many serious problems. We need pay much more attention to this issue, try to figure out the possible reasons and improve in our future work.

## Biography

Professor Wenxian Guan has his expertise in standardized treatment for gastric carcinoma, anus-saving operations and in situ reconstruction of artificial anus of rectal carcinoma, abdominal giant tumor surgery, laparoscopic surgery, digestive tract reconstruction, clinical nutrition supportive care and treatment. He has published over 150 papers, including more than 30 SCI papers. He is the editor in chief of four academic books, and edited more than 10 other academic books. He has been awarded Three-Class Merits three times, and also awarded Second Prize of the National Science and Technology Progress Award (Rank2), First Prize of the PLA Army Medical Award (Rank 2), First Prize of Shanxi Province Science and Technology Progress Award (Rank 2). He is in charge of two projects funded by National Natural Science Foundation of China, and obtains three national utility model patents, one software copyright.

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