Peritoneal cancer index: laparoscopic evaluation of peritoneal carcinomatosis from gynecological origin

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SUMMARY

The peritoneal cancer index was proposed in 1996 by Professor Sugarbaker, 1 and was initially used for colon cancer to assess the tumor burden during laparotomy procedures. 2 The peritoneal cancer index is now broadly used for several cancers, including ovarian cancer. 3 This index is commonly assessed by diagnostic laparoscopy before cytoreductive surgery to adapt the treatment strategy and guide the surgical decision. 4 However, the peritoneal cancer index is subject to variability between surgeons and teams, and there is no validated cut-off value for neoadjuvant treatment. 5–7 In this video, we present an educational video lecture on the peritoneal cancer index.

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Video 1 Peritoneal cancer index: laparoscopic evaluation of peritoneal carcinomatosis from gynecological origin.
Educational video lecture

lesson to evaluate the peritoneal cancer index score by laparoscopy for peritoneal carcinomatosis. We describe each of the 13 abdominopelvic regions and define how to calculate tumor extension. A score is assigned for each region in several examples and the peritoneal cancer index is determined in didactic videos.

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REFERENCES