

## A COMPARATIVE STUDY OF SECONDARY CLOSURE OF POST-OPERATIVE WOUND DEHISCENCE BY SUTURING VERSUS APPPOSITION WITH ADHESIVE TAPES

DR. ARKAPROVO ROY<sup>1</sup>, DR. MANAS KUMAR DUTTA<sup>2</sup> & DR. PRANOY GUPTA<sup>3</sup>

<sup>1</sup>Associate Professor, Department of General Surgery, Medical College, Kolkata

<sup>2</sup>Assistant Professor, Department of General Surgery, Medical College, Kolkata

<sup>3</sup>Trainee (FNB Minimal Access Surgery): Department of Gastrointestinal Surgery,

Santokba Durlabji Memorial Hospital, Jaipur

### ABSTRACT

*A prospective interventional comparative study was conducted in the Department of General Surgery, Medical College and Hospitals, Kolkata to compare the effectiveness of wound healing in suturing and apposition with adhesive tapes.*

*The study comprised of 40 cases, admitted in the various surgical units of Medical College and Hospital, Kolkata.*

*Overall, secondary wound closure lead to increased painless cosmetic acceptability and a slightly higher incidence of wound infection post-procedure as compared to secondary suturing, whereas secondary suturing had a shorter wound re-epithelialization time*

**KEYWORDS:** *Secondary closure; Post operative wound dehiscence; Suturing; Adhesive tapes*

**Received:** Jun 19, 2021; **Accepted:** Jul 09, 2021; **Published:** Sep 03, 2021; **Paper Id.:** IJMPSDEC20219