

Publications and Presentations

Department of Plastic Surgery

"TRIAD OF ANTI-AGEING SURGERY"

at Tanpaps2024, which is the annual state plastic surgery conference.

" A massive growth in the palate"

was published in cureus online journal in February 2024.

Dr. Sathish Manivel

Outstanding research work

Dr. Nisanth T.V. – DNB Family Medicine



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Certificate of Commendation
is hereby awarded to

Dr. NISANTH T V
With Registration Number
108-41186-201-229640

For outstanding research work on the Thesis Title

**COMPREHENSIVE EXAMINATION OF FOOT AND RISK STRATIFICATION BASED
ON INTERNATIONAL WORKING GROUP ON THE DIABETIC FOOT CLASSIFICATION
IN TYPE II DIABETES PATIENTS**

towards partial fulfillment for the award of
Diplomate/Doctorate of National Board in Family Medicine

We wish you all the best for your future endeavours.


(Dinesh Chand)
Joint Director (Thesis)
For and on behalf of
Prof. M. Bajpai

MS, MCh, PhD, FRCS, FACS, FAMS, National Board Vice-President & Honorary Executive
Director, Fulbright Scholar (USA), Commonwealth Fellow (UK) & Raja Ramanna Fellow
(Science & Technology)
National Board of Examinations in Medical Sciences, New Delhi

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Original Research Article

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Outcome of primary ventral hernia repair with monofilament polyester composite ventral patch in a community-based hospital

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ABSTRACT

Background: Ventral hernia repair (VHR) is one of the common surgical procedures carried out in general surgery. This study assessed the post operative outcomes in patients with primary ventral hernia undergoing repair using monofilament polyester composite ventral patch Parietex™ Covidien (PCO-VP).

Methods: A prospective single proportion observational study of 54 patients undergoing open VHR for primary ventral hernia with the PCO-VP in a community-based hospital was carried out. The patients were followed up for a period of one year from day of surgery. Primary outcome was recurrence, and secondary outcomes were reoperations and complications including seroma, hematomas, abdominal wall abscess, wound infections, and mesh infections.

Results: Our sample size of (n=54) included 35 (65%) females and 19 (35%) males with a mean hernia defect diameter of 3.5±0.4 cm. 83% (45) underwent elective surgery (EL) and 17% (9) underwent emergency surgery with a mean operative time of 98.5 minutes, 11% (n=6) patients needed alteration of the technique and 20% (n=11) patients needed mesh repositioning, 12 adverse events were noted during the hospital stay. No mesh infections, early recurrences, readmissions or revision surgeries were noted. Patients had a average Carolina comfort scale score of 4/115 noted at the end of study.

Conclusions: The use of PCO-VP to repair primary ventral hernia yielded nearly nil early recurrence rate, low postoperative complications and high satisfaction ratings, PCO-VP repair is a highly effective method for small and moderate size ventral hernias in both elective and emergency setting.

Keywords: Hernia, Ventral hernia, Composite patch, Parietex

INTRODUCTION

Surgical repair of ventral hernia has come up a long way starting with primary suture closure of defect (Mayo repair) which was associated with recurrence rates of upto 40%.¹ Usage of prosthesis in the form of meshes even for small ventral hernias have been shown to reduce the incidence of recurrence in open hernia repairs.²

Use of meshes have been associated with adhesions, bowel injury, mesh failure and inflammatory reactions. To

overcome these drawbacks, composite meshes were devised to get better results and significant reduction in the incidence of adverse effects. But the ideal composite mesh and the position of the mesh is yet to be agreed upon in VHRs. Even with use of composite meshes, there have been problems encountered like improper deployment, fixation, mesh integration, conformability with the abdominal wall and formation of enteric fistulas.

The ideal prosthesis should integrate functionally with the abdominal wall with minimal inflammation to overcome

Thesis – Publications

Dr.Hareesh Kumar DNB PG of Dept of Surgery

Acceptance letter to Author

Paper Id :JCDR/8323A

Article Title: PROGNOSTICATING RETURN OF SPONTANEOUS CIRCULATION USING ULTRASONOGRAPHY IN CARDIAC ARREST PATIENTS UNDERGOING CARDIOPULMONARY RESUSCITATION

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Thank you very much for your submission to our journal.

We are pleased to inform you that your paper has been reviewed, and accepted for publication. In case you have not submitted copyright form; please send scanned copy shortly through e-mail. Thank you for making the journal a vehicle for your research interests.

The publication will appear in the Volume 14 and Issue 05; of JCDR- 2023

Best wishes,

Editor-in-Chief

Journal of Cardiovascular Disease Research

• System generated letter, hence no signature required.

Thanks Guest Editor

JCDR

Thesis – Publication

Dr.Prasanth R DNB MRCEM(UK) PG Dept of
Emergency medicine