

CONTACT

D. E. Nirman Kanna

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OBJECTIVE

Dedicated and skilled Perfusionist cum Advanced Life Support Provider bringing forth a proven track record of reliable, timely, and beneficial services in times of emergency and distress. Adept in operating Cardio pulmonary bypass machines, ECMO, IABP and knowledgeable about life-saving equipment and procedures. Experienced in properly evaluating the condition of patients and implementing treatment as necessary and trained to assist surgery. Self-motivated, compassionate, and driven to continue to help save lives.

EXPERIENCE

December 2022 -
February 2023

- **Editor**
Thanuj International Publishers
Contributed as an Editor for the Book entitled "Current Research in Life Sciences" (ISBN: 978-93-94638-22-8) published by Thanuj International Publishers (Edition-1: February, 2023).

February 2023 -
July 2023

- **Editor**
Thanuj International Publishers
Contributed as an Editor for the Book entitled "Recent Research in Biosciences" (ISBN: 978-93-94638-25-9) published by Thanuj International Publishers (Edition-1: July, 2023)

October 2022 -
January 2023

- **Pediatric Perfusionist Intern**
Institution of Child Health and Hospital (ICH)
Trained as a Perfusionist intern in Institution of Cardio Vascular and Thoracic Surgery, Madras
Medical college (MMC), Institution of Child Health and Hospital (ICH), Egmore, Chennai, Tamil Nadu.

January 2023 - April
2023

- **Perfusionist Intern**
Madras Medical College (MMC), Rajiv Gandhi Government General Hospital (RGGGH)
Trained as a Perfusionist intern in Institution of Cardio Vascular and Thoracic Surgery, Madras
Medical college (MMC), Rajiv Gandhi Government General Hospital (RGGGH), Chennai

April 2023 - October
2023

- **Perfusionist Intern**
Meenakshi Academy of Higher Education and Research
Trained as a Perfusionist intern in Department of Cardio Thoracic Surgery, Department of Emergency Medicine, Department of General Surgery, Department of General Medicine, Department of Pediatric Medicine at Meenakshi Medical College Hospital And Research Institute, Meenakshi Academy Of Higher Education And Research, Kanchipuram, Tamil Nadu.

EDUCATION

2023

- **Faculty of Allied Health Sciences, Meenakshi Academy Of Higher Education And Research**
B. Sc. Perfusion Technology (AHS)
Graduated with first class distinction

SKILLS

- I am American Heart Association Certified BLS (Basic Life support) Provider, ACLS (Advanced Cardiovascular Life Support) Provider and PALS (Pediatric Advanced Life Support) Provider, trained at JIPMER, Pondicherry, India.
- Interpretation of 12 lead ECG
- Interpretation of ABG reports
- Ryles tube insertion
- Foley's Catheterisation
- Saphenous Vein Harvesting
- Suturing and suture removal
- Securing IV line and Arterial line
- Highly trained in obtaining medical history, writing case sheets and preparing discharge summary
- Haemodynamic monitoring in intensive care unit
- Trained to intubate and secure advanced airway
- Skilled to perform research and case studies
- Skilled in Basic life support and Advanced life support to manage both Adult and Pediatric Emergencies
- Skilled and Trained to establish IV and IO access in both elective and emergency situations.
- Skilled and trained in trauma care management
- Skilled and highly trained in arrhythmia interpretation and management
- Trained to operate Defibrillator and synchronised cardioversion in emergency conditions.
- Skilled in teaching and paper presentation
- Trained in MS. PowerPoint, MS. Excel and MS. Word.

PUBLICATIONS

- **Anaemia among the Female Health-care Professionals in Tamil Nadu: Awareness and Knowledge Based Questionnaire Survey**
Current Overview on Disease and Health Research Vol. 6
2022-11 | Book chapter | Conceptualization, Investigation, Methodology, Writing - original draft
DOI: 10.9734/bpi/codhr/v6/4674A
Part of ISBN: 978-93-5547-811-5
CONTRIBUTORS: D. E. Nirman Kanna ; S. Dhanush; B. Reshma; Bettina Lavanya Magdaline;
Subbulakshmi Packirisamy
- **Cardio protective role of Curcumin**
"Cardio protective role of Curcumin" In a Book Entitled "Current Trends in Biological Sciences"
D.E. Nirman Kanna, Subbulakshmi Packirisamy, Deepa Rajendiran THANUJ INTERNATIONAL
PUBLISHERS- (Reg: 72/2021) (ISBN: 978-93-94638-00-6) (Edition-1: July 2022) Pg No: 173-179
- **AN UPDATE ON INFLUENZA - A DEADLY SEASONAL VIRAL INFECTION**
World Journal of Pharmaceutical Research
2022-11-01 | Journal article | Conceptualization, Investigation, Writing - review & editing
DOI: 10.20959/wjpr202215-26046
Part of ISSN: 2277- 7105
CONTRIBUTORS: D. E. Nirman Kanna ; Subbulakshmi Packirisamy M.Sc.,(PhD.); Deepa Rajendiran, PhD.; Pyary Joy MSc., (PhD.)
- **A QUESTIONNAIRE-BASED ONLINE SURVEY ON KNOWLEDGE AND AWARENESS OF ANAEMIA AMONG FEMALE HEALTH-CARE PROFESSIONAL STUDENTS IN TAMILNADU**
Asian Journal of Pharmaceutical and Clinical Research
2022-08-07 | Journal article
DOI: 10.22159/ajpcr.2022.v15i8.44979
CONTRIBUTORS: NIRMAN KANNA DE; DHANUSH S; RESHMA B; BETTINA LAVANYA

MAGDALINE; SUBBULAKSHMI PACKIRISAMY

- **STUDY ON KNOWLEDGE OF CARDIAC ARREST AND ITS MANAGEMENT AMONG HEALTH CARE PROFESSIONAL STUDENTS IN CHENNAI AND KANCHIPURAM**
D.E. Nirman Kanna, J. Nanthini, R. Tamilvanan and Sasikumar Arumugam (2022);
STUDY
ON KNOWLEDGE OF CARDIAC ARREST AND ITS MANAGEMENT AMONG HEALTH
CARE
PROFESSIONAL STUDENTS IN CHENNAI AND KANCHIPURAM Int. J. of Adv. Res.
10 (Oct).
1067-1079] (ISSN 2320-5407). www.journalijar.com
- **Antibiotic Knowledge and Awareness Among Healthcare Professional Students in Chennai –a Questionnaire-based Online Survey**
GANAPATHY, BHAVANI, DE NIRMAN KANNA, DEEPA RAJENDIRAN, and BETTINA LAVANYA
MAGDALINE. "Antibiotic Knowledge and Awareness Among Healthcare Professional Students in Chennai—a Questionnaire-based Online Survey." (2023).
- **Arrhythmia Heart Syndrome- A silent killer**
D.E. Nirman Kanna, M. Mohammed Eliyas. (2023). Arrhythmia Heart Syndrome- A silent killer.
Dr. R. B. Tripathi, Dr. Kena P.Anshuman, D.E. Nirman Kanna. (Eds), Current Research in Life Sciences. India: Thanuj International Publishers. pp: 15-32.
- **Current updates on angina pectoris- A deadly oxygen thirst of the heart**
D.E. Nirman Kanna, Subbulakshmi Packirisamy, Deepa Rajendiran. (2023). Current updates on
angina pectoris- A deadly oxygen thirst of the heart. Dr. R. B. Tripathi, Dr. Kena P.Anshuman, D.E. Nirman Kanna. (Eds), Current Research in Life Sciences. India: Thanuj International Publishers. pp: 33-45
- **Holiday Heart Syndrome- A Nightmare of Alcoholics on Holiday**
V. Dilip, D.E. Nirman Kanna. (2023). Holiday Heart Syndrome- A Nightmare of Alcoholics on
Holiday. Dr. R. B. Tripathi, Dr. Kena P.Anshuman, D.E. Nirman Kanna. (Eds), Current Research in
Life Sciences. India: Thanuj International Publishers. pp: 46-54.
- **EFFECT OF CAFFEINE IN CARDIOVASCULAR HEALTH- A DOUBLE EDGE SWORD**
February 2023
Conference: Multidisciplinary Online International Conference on NUTRITION AND HEALTH EDUCATIONAt: Annamalai University, Tamilnadu, India
Nirman Kanna D E Subbulakshmi Packirisamy
- **AN UPDATE ON CARDIAC BIOMARKERS IN DETECTION OF MYOCARDIAL INFARCTION**
Subbulakshmi Packirisamy, D.E. Nirman Kanna, Pyary Joy(2023). An Update On Cardiac Biomarkers In Detection Of Myocardial Infarction. Biolife, 11(1), 51-56.DOI: <https://dx.doi.org/10.5281/zenodo.7747420>
- **Right Atrial Myxoma- a Rare Obstructive FreeFloating Pedunculated Cardiac Tumor**
2023-05-08 | Preprint
DOI: 10.21203/rs.3.rs-2896653/v1
CONTRIBUTORS: D.E.Nirman Kanna; RAVI; NARENDRA BABU; SUBBULAKSHMI PACKIRISAMY
- **Role of BCL2 and ERK 1 / 2 in Myocardial Ischemia**
Subbulakshmi Packirisamy, Bettina Lavanya Magdaline, Deepa Rajendiran, D.E. Nirman Kanna. (2023). Role of BCL2 and ERK 1 / 2 in Myocardial Ischemia. Dr. R. B. Tripathi, Dr. P. Subbulakshmi, D.E. Nirman Kanna. (Eds), Recent Research in Biosciences. India: Thanuj International Publishers. pp: 20- 30.
- **Current updates on intra aortic Ballon pump- A mechanical life save**
D.E. Nirman Kanna, V.S. Vindhya. (2023). Current updates on intra aortic Ballon pump- A mechanical life saver. Dr. R. B. Tripathi, Dr. P. Subbulakshmi, D.E. Nirman Kanna. (Eds), Recent Research in Biosciences. India: Thanuj International Publishers. pp: 31-40.
- **Non-anesthetic benefits of Lignocaine - A game changer**
S. Dhanush, Subbulakshmi Packirisamy, D.E. Nirman Kanna. (2023). Non-

anesthetic benefits of Lignocaine - A game changer Dr. R. B. Tripathi, Dr. P. Subbulakshmi, D.E. Nirman Kanna. (Eds), Recent Research in Biosciences. India: Thanuj International Publishers. pp: 119-127.

- **Current update on stem cell research – A new era life saving therapy**
Bettina Lavanya Magdaline, D.E. Nirman Kanna. (2023). Current update on stem cell research – A new era life saving therapy. Dr. R. B. Tripathi, Dr. P. Subbulakshmi, D.E. Nirman Kanna. (Eds), Recent Research in Biosciences. India: Thanuj International Publishers. pp: 256-268.

COURSE

- Basic Life Support (BLS) Provider certified by American Heart Association (AHA)
- Advanced Cardiovascular Life Support (ACLS) Provider certified by American Heart Association (AHA)
- Pediatric Advanced Life Support (PALS) Provider certified by American Heart Association (AHA)
- Immunology -12 weeks certificate course completed at NPTEL, certified by Indian Institute of Technology Kharagpur.

LANGUAGES

- Tamil
- English

REFERENCE

- **Dr. Kirthiga Thiagarajan, MBBS, MS, MCh (CTS) - Rajiv Gandhi Government General Hospital and Madras Medical College**
Senior Resident
tkirthiga@gmail.com
95000 44717
- **Mr. Nandhagopal - Meenakshi Medical College Hospital and Research Institute, Meenakshi Academy of Higher Education and Research**
Chief Perfusionist
+918056124958
- **Mr. Senthil Kumar - Meenakshi Medical College Hospital and Research Institute, Meenakshi Academy of Higher Education and Research**
Chief Perfusionist
+919840080604

CASE PERFORMED

Coronary artery Bypass Grafting
Mitral valve replacement
Aortic valve replacement
Tricuspid valve replacement
Intra cardiac repair in congenital heart disease (TOF, SVP, PDA, TAPVC, Ebstein anomaly)
Pericardial Patch closure (ASD and VSD)
Fontan Procedure
AV canal repair
Senning procedure (ccTGA)
Arterial Switch (d TGA)
Bentall Procedure
Glenn shunt procedure
BT shunt procedure
RA Myxoma excision
Chronic Pulmonary artery thrombosis excision
Orthotropic Heart Transplant

ADDITIONAL SKILLS

- Trained in assembling, priming and operating ECMO (both VV and VA)
- Trained to operate Intra Aortic Balloon Pump (IABP)