

Annapoorana Medical College & Hospitals, Salem

Published Projects 2023- 2024

Department of Biochemistry

1. Altered Liver Function Test in Type 2 Diabetes Mellitus Subjects and its Association with Dyslipidemia and Fasting Blood Sugar: A Cross-sectional Study. Journal of Clinical and Diagnostic Research - Journal of Clinical and Diagnostic Research. 2023 Oct, Vol-17(10): BC01-BC05

Department of Biochemistry

2020-2021

1. Dr. S. Ramya, Association of serum iron and magnesium levels with lipid profile in type 2 diabetic patients. MedPulse International Journal of Biochemistry. September 2020; 15(3): 08-12
2. Dr. S. Ramya, A study of serum zinc and copper in obese and non – obese type 2 diabetic patients. MedPulse International Journal of Biochemistry. October 2020; 16(1): 01-05
3. Dr. S. Ramya, To study the incidence of altered LFT in Type2 DM subjects and its association with dyslipidaemia and fasting blood sugar.
4. Dr. S. Sindu Priya, A comparative study of GFR estimated using serum cystatin C (Hoek equation) with that of serum creatinine (MDRD equation) in a diabetic patients. Medpulse International Journal of Biochemistry. April 2021; 18(1): 14-19.
5. Dr. S. Sindu Priya, Study of correlation of serum uric acid with the parameters of metabolic syndrome in type 2 diabetes mellitus.

**ANNAPOORANA MEDICAL COLLEGE & HOSPITALS, SALEM.
DEPARTMENT OF BIOCHEMISTRY**

Publications by the Faculty

- ❖ Lean NAFLD: Is Their Metabolic Pattern Unique In Type 2 Diabetes Mellitus Patients ?. K.Ponsuganthi
- ❖ Assessment of Iron Status And Lipid In Type 2 Diabetes Mellitus Patients With Non-Alcoholic Fatty Liver Disease. K.Ponsuganthi
- ❖ Assessment of the Insulin Resistance- Insulin Sensitivity and β Cell Function In Type 2 Diabetes With NAFLD Associated With HFE Gene Mutation. K.Ponsuganthi
- ❖ A Study of the Role of Insulin Resistance And Iron In NAFLD Associated With HFE GENE Mutation. K.Ponsuganthi
- ❖ Assessment of the Risk of NASH With Clinical Predictor Score Associated With HFE Gene Mutation. K.Ponsuganthi
- ❖ Serum Zinc And Copper Level In Maintenances Hemodialysis Patient And Its Relationship With Depression And Anxiety. K.Ponsuganthi

- ❖ A Study of Glycemic Status And Lipid Profile of Obese And Non Obese Type II Diabetic Patients. S.Ramya
- ❖ Decreased Serum Adiponectin Is Associated With Carotid Atherosclerotic Changes In Type 2 Diabetes Mellitus Patients. S.Ramya
- ❖ A Study of Serum Cystatin C Levels In Types 2 Diabetes Mellitus Patients With Normoalbuminuria, Microalbuminuria And Macroalbuminuria.
- ❖ S.Sindu Priya
- ❖ Comparison of Serum Leptin Concentration And Electrolytes In Pre- Eclampsia And Normal Pregnancy. S.Sindu Priya

Ongoing Projects

- ❖ Prevalence of Vitamin-D deficiency & its association with serum Lipids & Obesity in Medical students. K.Ponsuganthi
- ❖ Evaluation of insulin & Prolactin level in Polycystic Ovarian disease. S. Sudhakar
- ❖ Oxidative stress in maternal & cord blood of Pre – term infants. T. Ramakrishnan.

ICMR Student's Project:

- To study the incidence of altered LFT in Type2 DM subjects and its association with dyslipidaemia and fasting blood sugar. Mr. Arun kannan Selvaraju III year MBBS Guided by Dr. S.Ramya
- Study of correlation of serum uric acid with the parameters of metabolic syndrome in type 2 diabetes mellitus. Mr. Mohamed Khalid III year MBBS Guided by Dr. S. Sindu Priya

Publications during the Academic Year
2019-20

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