

SHUANGYU CHENG

Phone: +86 1.351.441.8994 | Email: chengsy20@mails.jlu.edu.cn Jilin University, Changchun, Jilin 130021, P. R. China.

EDUCATION

Bethune First Clinical College, Jilin University

Master of Clinical Medicine (Major in Endocrinology and Metabolism)

Changchun, China

Sep. 2020 – Present

The First Clinical College, Hubei University of Medicine

Bachelor of Clinical Medicine (Distinguished Physician Class)

Shiyan, China

Sep. 2015 – Jun.2020

PUBLICATIONS

Heyuan Wang, Shuangyu Cheng, Ming Wang. "Changes of cysteine-rich protein 61 expression in patients with atherosclerosis and its clinical significance." *Chin J Lab Diagn* 1007-4287(2021)02-0172-03

Shuangyu Cheng, Zhe Jing, Heyuan Wang."Analysis of islet function in insulin autoimmune syndrome." *The 20th National Conference of Endocrinology, Chinese Medical Association(accepted)*

RESEARCH EXPERIENCE

Analyze the expression of Meox1 in rats with myocardial infarction

Dec. 2018 – Apr. 2019

Research Assistant

Shiyan, China

- Practiced heart surgery operation on rats repeatedly. Constructed the Myocardial infarction model by ligating left anterior descending coronary artery.
- Conducted surgery to gather heart issues from rats. Used HE stain and Masson stain to make the microslide for observing heart issues under microscope. Did immunohistochemical analysis to compared results from different experiment group.
- Compared the different Masson stain results to analyze area of myocardial infarction. Observed expression of Meox1 in cardiomyocytes and Capillary endothelial cells. Explored the future experiments regarding the specific mechanism about the expression of Meox1.

Explore the changes of cysteine-rich protein 61 expression

Oct. 2020 – Jan. 2021

Research Assistant

Changchun, China

- Collected patients data and processed their medical history record for normality and conformed to the normal distribution. Repeated the model in references and reported it in lab meeting.
- Used multiple linear regression analysis to analyze the correlation between CYR61 and Gensini integral and the influencing factors of Gensini integral. Used the chi-square test to analyze the enumeration data. Used SPSS to calculate statistical processing.
- Compared the clinical characteristics and Cyr61 level between CHD group and control group. Founded that atherosclerosis is still an important risk factor in human diseases. Finished writing the paper "Changes of cysteine-rich protein 61 expression in patients with atherosclerosis and its clinical significance"

Research in islet function on insulin autoimmune syndrome(IAS)

June. 2021 – Aug. 2021

Research Assistant

Changchun, China

- Collected the data regarding hypoglycemia patients in hospital from January 2006 to April 2021. Had a comparison regarding the analysis of several pancreatic islet function indicators.
- Found out the difference between the indexes in patients with definite diagnosis of IAS and non-IAS patients. Discussed the islet function indicators for clinical diagnosis and differential diagnosis of IAS value.
- Draw an conclusion that using differential expression of various islet function is helpful to improve the clinical performance of IAS. Finished the paper "Analysis of islet function in insulin autoimmune syndrome" and it was accepted at the same year.

Analyzed the factors of thyrotoxicosis during gestation period

Dec. 2021 – Present

Research Assistant

Changchun, China

- Designed questionnaires for patients with gestational thyrotoxicosis in hospital. Observed the symptoms and indicators in laboratory of pregnant patients with thyrotoxicosis. Recorded patients' information and conducted them finish clinical questionnaires for collecting cases.
- Used statistical method to analyze on SPSS to calculate collected data in Excel. Used univariate analysis to analyze the risk factors of diseases. Used "Mean SD" ($\bar{x} \pm s$) to represent measurement data. Performed X test and the count was expressed as percentage (n%).
- Compared the thresholds of several indicators such as TSH, FT3, FT4 and so on to explore the relationships between indicators and gestational thyrotoxicosis. Set and designed control group of people who had the normal thyroid function during gestation period.

WORKING EXPERIENCE

The First Hospital Of Jilin University

Sep. 2020 – Present

Resident Physician(Practicing Physician)

Changchun, China

- Rotated from Department of Endocrinology and Metabolism, Nephropathy, Gastroenterology, HematologyNeurologyCardiology, Rheumatology, Intensive Care Unit and Oncology.
- Received and examined inpatients and outpatients in the above departments. Conducted routine warding round and postoperative care of inpatients. Attended difficult case seminars in hospital.
- According to the guidelines of different diseases, discussed treatment plans with the superior doctor, implemented the treatment plan and recorded the changes of patients' condition in time.
- Assisted in performing operations regarding the cephalic vein anastomoses with the radial artery to form an arteriovenous fistula for patients in the department of nephropathy.

INTERNSHIP

Taihe Hospital

Sep. 2018 – Jan. 2020

Internship

Shiyan, China

- Got familiar with and mastered the diagnosis and treatment routine, treatment principles of common diseases in various departments in hospital; Completed the writing of medical documents.
- Did common physical examination, ecg and other auxiliary examination procedures for patients; Practiced dressing change, dressing, stitches removal and other basic clinical operations.

Hubei Medical College "rainbow" first aid volunteer service team

Nov. 2020 – Feb. 2021

Main Contributor

Shiyan, China

- Grasped CPR, Heimlich, fracture dressing, stretcher transfer and other important first aid skills.
- Actively participated in various volunteer service activities regarding learning first aid skills, clinical knowledge. Joined skills competitions and won awards.

AWARDS

Certificate of Licensed Practising Physician(2021.11)

Hubei University of Medicine scholarships for academic excellence (2016.09) University Third Scholarship

Hubei University of Medicine scholarships for academic excellence (2017.09) University Third Scholarship

Hubei University of Medicine scholarships for academic excellence (2018.09) University Third Scholarship

Third prize of first-aid skill competition of hospital level (2016.10)

Excellence award of clinical knowledge skill competition in Hubei University of Medicine(2018.04)

SKILL & INTEREST

Skills: Cytoscape, PubMed, Stata, Endnote, SPSS

Language: Chinese and English(IELTS :overall 6.0)