

# DR JOHAN IBRAHIM

Hi!! My name is Johan Ibrahim. Currently I'm working as Clinical Research Associate with [Aesculape CRO Belgium-Singapore](#).

I describe myself as dedicated, highly motivated and enthusiastic medical graduate with in-depth knowledge of research design and methodologies, medical statistic, big data capture, curation, manipulation and visualization and has been certified Good Clinical Practice researcher from National Institute of Health (NIH) Malaysia. Able to use own initiative and work as part of a team under pressure to meet challenging deadlines/objectives.



## WORK EXPERIENCE

Current  
|  
2019

### Clinical Research Associate

Kuala Lumpur, MY

📍 Aesculape Belgium-Singapore CRO

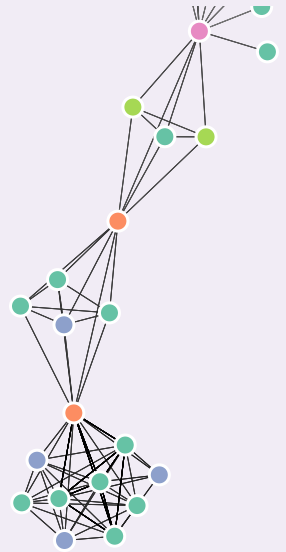
- Assist a multidisciplinary cross functional Clinical Trial Team (CTT) (medical writing, statistics, data management, monitoring partner, drug supply, regulatory, safety etc.) or support the CPM to ensure study deliverables are met according to timelines, budget, quality standards and operational procedures.
- Directly interact with investigator sites and CRAs/CROs/vendors to ensure smooth study set up and smooth study conduct, reviewing site performance, protocol deviations, ongoing risk assessment and timely issue resolution
- Collaborate with customer data review team (Medical Monitors, Internal/External Clinical Research Associates, Data Managers, Statisticians, and third parties), contribute to the study data ongoing medical/scientific quality review to ensure high quality data are transferred/available in a timely manner. Coordinate the data analysis and interpretation for first interpretable results.

2019  
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2018

### Data Enumerator, MARS Project

Kuala Lumpur, MY 📍 Social Wellbeing Research Centre, University Malaya

- MARS is a household survey conducted by Social Wellbeing Research Centre, University of Malaya on individuals aged 40 years and above with the objective to increase understanding on issues related to ageing. The study will be conducted throughout Malaysia, once every two years, targeting 9,000 eligible respondents.
- Responsible for conducting interview and conduct physical examination as per MARS protocol.
- Ensuring the data provided to MARS database is as accurate as possible



View this CV online with links at [drjohan.github.io/drjohancv/index.ht](https://drjohan.github.io/drjohancv/index.html)

## CONTACT

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in [Johan\\_Ibrahim](#)

📞 +60126466545

## RESEARCH SKILLS

ICH-GCP  
Clinical Trial Management  
Site Management  
Infectious Disease Modelling  
Scientific Literature Review  
Experimental Design and Analysis  
Artificial Intelligence

## SKILLS

R	
Stata	
C++	
Python	
EndNote	
SPSS	
Tensorflow	

2013  
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2008

### House Officer

Kuantan, MY

📍 Hospital Tengku Ampuan Afzan, Ministry of Health Malaysia

- Responsible as front liner for inpatient and outpatient care as well
- Assist in numerous amounts of major operation including 5 total knee and 5 total hip replacement while in Orthopedic Department posting
- Developing excellent communication skills with supervisors including Head of Department, consultant, medical officer, colleagues and general public health



## EDUCATION

2018  
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2014

### PostGraduate Diploma In Health Research

Dublin, IE

📍 Royal College of Surgeon Ireland/ RCSI+ UCD Malaysia Campus

- Trained and being supervised by Prof Ronán M Conroy DSc who is also author for SCORE project and one of the most influential medical statistician

2008  
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2000

### Medical Degree (M.D)

Yogyakarta, ID

📍 Gadjah Mada University

- Thesis: Effect of Cisplatin on Mice Leydig Cells
- Recipient of Gadjah Mada University Young Investigator Award 2003-2004

2000  
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1999

### Matriculation Programme

Penang, MY

📍 University Malaysia Sarawak



## SELECTED SHORT COURSES ATTENDED

Current  
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2020

### Infectious Disease Modelling Specialization

Coursera Online

📍 Imperial College London

Current  
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2020

### Data Science: Foundation using R Specialization

Coursera Online

📍 John Hopkins University

Current  
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2020

### Introduction to Systematic Review and Meta-Analysis

Coursera Online

📍 John Hopkins University

Current  
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2020

### Statistical Analysis with R for Public Health Specialization

Coursera Online

📍 Imperial College London

2020  
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2020

### Basic Healthcare Data Analytics

Perdana University-Zoom Meeting

📍 School of Data Science, Perdana University

2020   2020	<ul style="list-style-type: none"> <li>NVIDIA Clara - An Application Framework Optimized for Healthcare and Life Science Developers               <ul style="list-style-type: none"> <li>School of Data Science, Perdana University</li> </ul> </li> </ul>
2019   2019	<ul style="list-style-type: none"> <li>Data Management for Clinical Research               <ul style="list-style-type: none"> <li>Coursera Online                   <ul style="list-style-type: none"> <li>Vanderbilt University</li> </ul> </li> </ul> </li> </ul>
2019   2019	<ul style="list-style-type: none"> <li>Data Science: Statistics and Machine Learning Specialization               <ul style="list-style-type: none"> <li>Coursera Online                   <ul style="list-style-type: none"> <li>John Hopkins University</li> </ul> </li> </ul> </li> </ul>
2019   2019	<ul style="list-style-type: none"> <li>System Thinking In Public Health               <ul style="list-style-type: none"> <li>Coursera Online                   <ul style="list-style-type: none"> <li>John Hopkins University</li> </ul> </li> </ul> </li> </ul>
2018   2018	<ul style="list-style-type: none"> <li>Basic Biostatistics and Research Methodology Workshop Using R               <ul style="list-style-type: none"> <li>Kuala Lumpur, MY                   <ul style="list-style-type: none"> <li>Department of Community Health, UKM</li> </ul> </li> </ul> </li> </ul>
2017   2017	<ul style="list-style-type: none"> <li>Pragmatic Randomised Controlled Trials in Health Care               <ul style="list-style-type: none"> <li>EdX Online                   <ul style="list-style-type: none"> <li>KIx - KIPracticx</li> </ul> </li> </ul> </li> </ul>
2015   2015	<ul style="list-style-type: none"> <li>Reproducible Research               <ul style="list-style-type: none"> <li>Coursera Online                   <ul style="list-style-type: none"> <li>John Hopkins University</li> </ul> </li> </ul> </li> </ul>
2015   2015	<ul style="list-style-type: none"> <li>The Data Scientist's Toolbox               <ul style="list-style-type: none"> <li>Coursera Online                   <ul style="list-style-type: none"> <li>John Hopkins University</li> </ul> </li> </ul> </li> </ul>
2014   2014	<ul style="list-style-type: none"> <li>Introduction to Probability and Data               <ul style="list-style-type: none"> <li>Coursera Online                   <ul style="list-style-type: none"> <li>Duke University</li> </ul> </li> </ul> </li> </ul>

## RESEARCH EXPERIENCE

2018   2018	<ul style="list-style-type: none"> <li>5 years experience of school scoliosis screening program. A clinical evaluation of epidemiology, effectiveness and limitation of scoliosis screening in Perak population from 2011 to 2015</li> </ul>
2018   2018	<ul style="list-style-type: none"> <li>Prevalence of psychiatric patient in home care in selected states of peninsular Malaysia and its association with psychiatric support staff</li> </ul>
2016   2016	<ul style="list-style-type: none"> <li>Childhood pneumonia and its associated risk factors in Pahang</li> </ul>

I'm a medical doctor by training. In the past, I've served people in Indonesia and Malaysia and actively involve in search and rescue during Earthquake in Indonesia, 2006. Then, I decided to have a change in career after being inspired by my mentor Prof Ronan Conroy and decided to pursue a career in research as medical statistician cum data scientist.

I'm an active participant in the local R community [Malaysia R User Group](#). I'm also one of the moderator in [Analisa Data Dengan R Studio group](#) and actively giving guidance for RStudio beginner.

2015  
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2015

- Poor sleep quality and its associated risk factors among elderly in Temerloh, Pahang

2015  
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2015

- Knowledge, Attitude and Practice among Temerloh district nursery/kindergarten in identify and managing common emergencies among pre-school children



## SELECTED EVENTS ATTENDED

2021  
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2021

- **rstudio::global(2021)**  
RStudio-Zoom Meeting  RStudio Inc

2020  
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2020

- **confeRence 2020**  
USM-Webex Meeting  University Science Malaysia

2020  
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2020

- **DSx Conference 2020**  
Perdana University-Zoom Meeting  School of Data Science, Perdana University


2019  
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2019

- **Malaysia R Conference**  
Sunway University, MY  Malaysia R User Group Malaysia


2015  
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2015

- **9th National Conference for Clinical Research(NCCR)**  
Bayview Beach Resort, MY  NIH, Ministry of Health Malaysia


2010  
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2010

- **Basic Life Support Workshop**  
Kuantan, MY  Hospital Tengku Ampuan Afzan, Kuantan  
• State disaster workshop

2010  
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2010

- **State Disaster Drill**  
Kuantan, MY  Sultan Ahmad Shah Airport(Malaysia Airport Berhard)

I regularly blog on statistics and data science on my personal blog that are built using [blogdown](#) package. You can find my blog here [Johan Ibrahim](#)

The source code is available  [Github](#). Last updated on 2024-04-24. The most recent version of this CV is [available here](#)