

# CLINICAL RESEARCH AND TRIALS

## I: Workshops and Courses:

No.	Date	Event
1	January, 2014	Ethics of Clinical Research
2	April, 2015	Good clinical practice training for clinical research staff at SMC
3	September, 2015	Sickle Cell Disease Patient Association Meeting
4	January, 2016	Good clinical practice training for clinical research staff at SMC
5	February, 2016	Capacity Building & Encourage Responsible Conduct of Clinical Research
6	November, 2016	GCC Summit of Clinical Trial regulation "Harmonizing GCC Clinical Trials Regulations"
7	March, 2017	Capacity Building, Good Clinical Practice Workshop for Research Ethics Committees.

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## II: Research projects

### A. International

- 2015-2019: A Multi-Centre, Phase II, Randomized, Double-Blind, Placebo-Controlled Study to Explore the Efficacy and Safety of Sevuparin Infusion for the Management of Acute Vaso-Occlusive Crisis (VOC) in Subjects with Sickle-Cell Disease (SCD), in collaboration with Dilaforette, **(Completed and published)**.  
*Biemond BJ, Tombak A, Kilinc Y, et al. Sevuparin for the treatment of acute pain crisis in patients with sickle cell disease: a multicentre, randomized, double-blind, placebo-controlled, phase 2 trial. Lancet Haematol. 2021;8(5):e334-e343.*
- 2022-2023: Prospective, observational study in Sickle Cell Disease patients on crizanlizumab treatment in Middle Eastern countries and India (SPOTLIGHT), in collaboration with Novartis. **(Completed, pending publication)**.

### B. AGU

- 2018: Trauma registry, supporting SMC emergency department in creating the framework for trauma registry **(in progress)**.

- 2020: A novel approach to designing viral precision vaccines applied to SARS-CoV-2, research project at AGU (**Completed and published**).  
*Ashoor, D.; Fathallah, M. In silico evaluation of ten monoclonal antibodies neutralization power of SARS-CoV-2 variants EG.5 and BA.2.86.*  
<https://doi.org/10.20944/preprints202312.1049.v12021>:
- 2021: Unraveling the cellular and molecular heterogeneity of endometriosis, a research project at AGU by Dr. Sater, Prof. Rizk, and Prof. Brock (**Study in progress**).
- 2020-2021: Clinical Delineation of Myasthenia Gravis in the Kingdom of Bahrain, investigator-initiated study (**Completed and published**).  
*Binfalah MF, Alhafnawi HH, Jaradat AA, et al. Clinical delineation of myasthenia gravis in the Kingdom of Bahrain. Neurosci Riyadh Saudi Arab. 2022;27(1):16-23.*
- 2021: Genetic evaluation and counseling in clinical practice – 10 years retrospective analysis, investigator-initiated study (UMC) (**Completed; pending publication**).
- 2022: Clinical characteristics and outcome of elderly patients in the intensive care unit, investigator-initiated study (**Completed; pending publication**).