



ARISE

African Research And Innovative
Initiative For Sickle Cell Education

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Role and Responsibilities

In Achieving Effective Team Work in the Laboratory

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Outline

- Introduction
- Definitions
- Categories of laboratory Staff
- Roles and Responsibilities
- Workflow and work pathways
- Team Work in the laboratory



The Laboratory

- **LABORATORY**

- “room/place equipped for experimental study in a science or testing and analysis” (Merriam-Webster)
- “facility that provides controlled conditions in which scientific or technological research, experiments, and measurements may be performed....”(Wikipedia: Berthof RL, 2016)

- **CLINICAL LABORATORY**

- "a facility that performs testing on materials derived from the human body for the purpose of providing information for the diagnosis, prevention, or treatment of any disease or impairment of, or assessment of the health of, human beings." (CLIA, USA 1988)

www.abbot.com (Picture Credits)



Categories of Staff Working in Haematology Laboratory

The List and nomenclatures may differ from country to country but generally there are

1. Pathologist
 2. Medical laboratory Scientists
 3. Clinical Scientists
 4. Biomedical Scientists
 5. Medical Laboratory Technicians
 6. Laboratory Assistants/Attendants
 7. ICT/Data Staff
 8. Administrative staff
 9. Finance/Account Staff
- Clinical and Technical Categories



Laboratory Workflow

- **Laboratory Request** – Doctors, Nurses, CHO, CHEW, Volunteers
- **Blood Sampling** – Doctors, MLT, MLS, Nurses,
- **Laboratory Records** – MLT, MLS, Data Staff, Managers...?Volunteers & others
- **Laboratory Testing** – MLT, MLS, Pathologists
- **Laboratory Results and Report** – MLT, MLS, Pathologist
- **Laboratory result dispatch, Storage and Archiving** - Data Staff, ICT, Managers
- **Laboratory result disclosure** – Doctors, Nurses, ? Trained CHO/CHEW, Volunteers

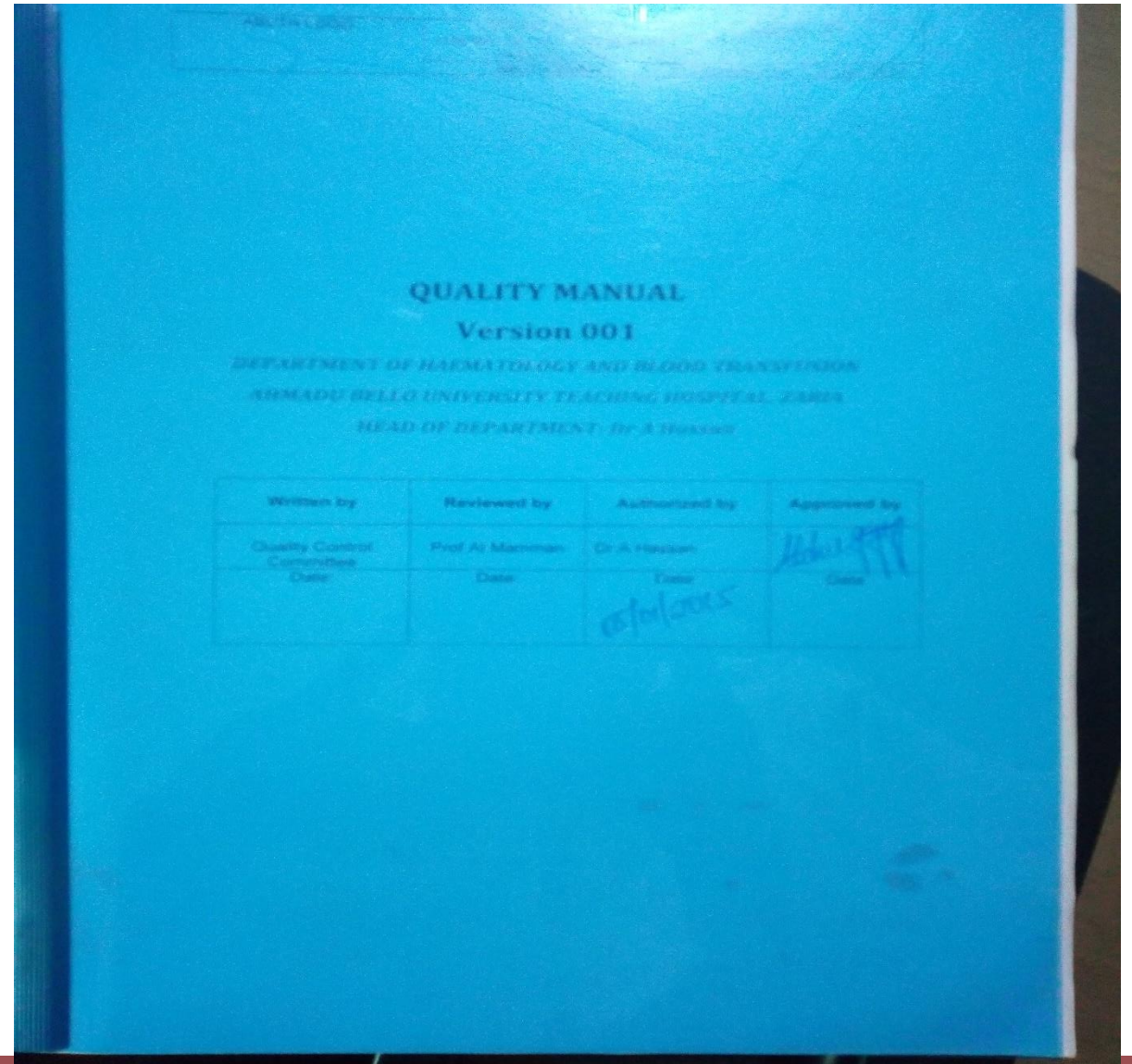


- Blood Film Reporting – Results generated by MLT/MLS, Haematologist report – Depending on the Centre/Panic Values/Specific Requests
- HPLC/IEF Interpretation – Results generated by Technical Staff, Interpreted by Haematologist
- **ARISE: NEED TO DRAFT A GUIDELINE FOR LABORATORY STAFF IN LINE WITH ITS OBJECTIVES**



How to Ensure Team work

- Training and Retraining
- Standard Operating Procedures
- Robust Quality Assurance systems
- Algorithms
- Regular operational meetings
- Clear Mission, Vision, Aims and Objectives
- Clear Job Description
- **Most importantly**
***“its all about fighting Sickle Cell Disease
not about you or I”***





Department of
Haematology and Blood Transfusion

Ahmadu Bello University Teaching Hospital
Zaria, Kaduna State Nigeria

Laboratory
Safety *Manual*

April, 2018



DEPARTMENT OF HAEMATOLOGY
AND BLOOD TRANSFUSION

Ahmadu Bello University Teaching Hospital,
Zaria, Kaduna State, Nigeria.

LABORATORY
USER HANDBOOK

First Edition (2015)



1. We must be conscious of our different Roles and Responsibilities
2. Roles and Responsibilities overlap
3. The most important role is to achieve the aim and objective of ARISE so that Nigeria and Africa can ARISE to fight Sickle Cell Disease



TEAM



TOGETHER
EVERYONE
ACHIEVES
MORE



Appreciation

- Prof Inusa Baba
- Prof Hafsa Ahmad
- Dr Wale Atoyebi
- Kelly Price
- Raleen Fernandez





THANK
YOU





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