

## African Research and

Innovative Initiative for Sickle cell education (ARISE) [www.ariseinitiative.org](http://www.ariseinitiative.org)

Train the trainer programme for capacity building

Jointly with Niger state, ARISE and SCORE

### DAY ONE, TUESDAY 2 AUGUST – ALL PARTICIPANTS

<b>SESSION 1</b>	
<b>Chair: Professor Baba Inusa</b>	
09.00 – 09.15	<b>House Keeping</b> Miss Olawale Tijani & Ms. Kelley Price
09.15 – 09.30	<b>Welcome Address</b> Dr Amina Abubakar Bello, 1 <sup>st</sup> lady Niger state Governor
09:30 – 09:45	<b>Goodwill messages</b> Prof. Abdullahi Musa Ashafa, Vice Chancellor, Kaduna State University
09.30 – 09.45	<b>Updates from Sites</b> Niger State – Dr Aisha Musa and Dr Makusidi Mohammed Kaduna State- Dr Livingstone Dogara (CONSA University of Ilorin- Professor Kolade Ernest University of Abuja – Dr Ramsey Yalma Discussion Forums/Q&A
09.45 – 10.00	
10.00 – 10.15	
10.15 – 10.30	
10.30 – 10.45	
10.45 - 11.15	<b>Break</b>
<b>Chair- Professor Jacques Elion</b>	
11.15 – 11.30	<b>Updates from Sites</b> University of Maiduguri - Dr Aisha Abba Mohammed Bingham University Teaching Hospital- Dr Maryam Shehu (ARISE) Liberia (CONSA)? Discussion Forums/Q&A
11.30 – 11.45	
11.45 – 12.00	
12.00 – 12.15	
12.15 – 12:45	<b>What can we learn from other programmes worldwide?</b> Professor Jacques Elion
12.45 – 14.00	Lunch
13.15 – 14.00	(Optional) Secondee Session
<b>SESSION 2</b>	
<b>Chair: Dr Livingstone Dogara</b>	

## COUNSELLING, SAMPLE COLLECTION & TRANSPORTATION

Opportunity to broaden skills on genetic counselling and learn about sample collection, logistics and ethics

14.00 – 15.00	<b>Logistics including forms, blood sampling</b> (Mrs Gloria Bahago and Mrs Monica Stephen + Mrs Janet Waje), <b>Demographics, Transportation &amp; Storage</b> Mohammed Aminu- Zaria to lead the discussion – Kaduna state NBS
15:00 – 15.30	<b>Newborn screening App &amp; database development</b> Mrs Emma Proctor
15.30 – 16.00	<b>Confidentiality, sharing information –newly diagnosed and counselling</b> Mrs Kemi Ajamufua, Mrs Linda Yari & Mrs Victoria Odesina
16.00 – 16.30	<b>Close of Day 1 (Group Discussion – what have we learnt?)</b> Dr. Wale Atoyebi
16.30 – 16.40	<b>Close</b> Dr Aisha Musa
<b>End of Day 1</b>	

## Extra Session for the Lab Team

17.15 – 17.50	<b>Conversion of Family Donors into Voluntary Donors</b> Dr Shirley Owusu-Ofori, ISBT Regional Director- Africa
---------------	--

## DAY TWO WEDNESDAY 3 AUGUST – ALL PARTICIPANTS (Morning)

### SESSION 3

Chair: Dr Wale Atoyebi/ Dr Shirley Owusu-Ofori

### COMPREHENSIVE CARE & FOLLOW-UP CARE CLINICS

#### General description of session needed

08.00 – 09.00	Breakfast & day 2 registration (all participants)	
09.00 – 09.05	<b>Welcome (all participants)</b> Mrs Bola Ojo	
09:05 – 09:10	Parallel Session (data management and admin delegates to move to the break-out session)	
	<b>Diagnostic and Clinical</b>	<b>Data Management – Mr Duccio Fedele (Chair)</b>
09.10 – 09.50	<b>General Introduction to Blood Transfusion in Africa – Current Practices and Challenges</b> Dr Shirley Owusu-Ofori, ISBT Regional Director- Africa	<b>Data Management</b> Mr Isah Habila
09.50 10.20	<b>Rational use of blood</b> Dr Osikomaiya	<b>Development of patient registries</b> Dr Petros Kountouris/ Mr Duccio Fedele Bonifazi
10.20 – 10.50	<b>Routine screening of children. Using Transcranial Doppler (TCD) scanning; Introduction (all participants)</b>	

	Dr Soundrie Padayachee
10.50 - 11.10	<b>Break</b> <i>NB: Delegates registered to participate in the TCD blood transfusion, and Isoelectronic focusing blood transfusion workshops please report to your respective groups</i>

## DAY TWO WEDNESDAY 3 AUGUST – NURSES, TRADITIONAL BIRTHING ASSISTANS AND COMMUNITY HEALTHCARE WORKERS ONLY (Afternoon)

<b>SESSION 4</b>	
<b>ESSENTIAL SKILLS</b>	
Enhancing communication skills & gaining a deeper understanding for roles and responsibilities	
11.10 – 11.40	<b>Primary health care first initial assessment and counselling - infrastructure already in place. General hospital. Specialist hospital once a year. How the three tiers can be linked together.</b> Dr Oluseyi Oniyangi/ Mrs Kemi Ajamufua
11.40 – 12.10	<b>Clinical Management protocols</b> Dr Hafsa Ahmad (Paediatrics) and Dr Ifeoma Ijei (Adult)
12.10 – 12.40	<b>Patient, Community and Stake Holder Engagement</b> Professor John Dada & Miss. N’zallah Zamani (discussion on their own contribution on patient engagement of community etc)
12.40 – 13.40	<b>Lunch</b>
13.40– 14.10	<b>Monitoring &amp; Evaluation</b> Ms. Kelley Price & Mrs Bola Ojo
14.10 – 14.40	<b>Epidemiology and Disease Burden</b> Dr Ramsey Yalma
14.40 – 14.55	<b>Break</b>
14.55 – 15.25	<b>Health and Awareness in Schools</b> Mrs Nasara D. Ifere
15.25 – 15.55	<b>Roles &amp; responsibilities - NBS programmes</b> Dr Livingstone Dogara and Dr Funke Lawson
15:55 – 16.25	<b>Managing Supply chain – Hydroxyurea, Penicillin</b> Pharmacists - led by Mrs Grace Ebuga
16.25 – 16.45	<b>Day 2 close</b> Dr Funke Lawson and Mrs Bola Ojo
<b>End of Day 2</b>	

## DAY TWO, WEDNESDAY 3 AUGUST – LABORATORY STAFF ONLY (Afternoon)

<b>SESSION 9</b>
<b>Chair: Dr Wale Atoyebi</b>
<b>Blood transfusion safety workshop</b>
<b>Quality and Safety: A Road Map</b>

11.10 – 11.35	<b>Immuno-Haematology for Clinical Care; (Red cell typing, Antibody screening, Cross-matching procedures for Multi-transfused patients)</b> Mr Femi Ajayi; ISBT 'I TRY IT' 2021 Scholar
11.35 – 11.45	Q&A Discussion
<b>Clinical Use of Blood</b>	
11.45 – 12.05	<b>Overview Adverse blood transfusion reactions</b> Dr Bodurin Osikomaiya, Ex Dir; Lagos State Blood Service
12.05 – 12.15	Q&A discussion
12.15 – 12.30	Concluding remarks
12.30 – 13.40	Please make your way back to the main event room (Continental Hall) in preparation for lunch.

## DAY TWO WEDNESDAY 3 AUGUST – TCD STAFF ONLY (Afternoon)

---

<b>SESSION 6</b>	
Chair: Dr Soundrie Padayachee	
<b>Transcranial Doppler (TCD) workshop</b>	
11.10 – 17.00	<b>Experienced Group</b>
	<b>Intermediate</b>
	<b>Novice Group</b>
<b>Return to the hotel at the end of the session</b>	
<b>End of Day 2</b>	

## DAY THREE, THURSDAY 4 AUGUST – NURSES, TRADITIONAL BIRTHING ASSISTANTS AND COMMUNITY HEALTHCARE WORKERS ONLY

---

<b>SESSION 7</b>	
Chair: _____	
<b>Interactive actives to consolidate learning over the last two days.</b>	
08.00 – 09:00	Breakfast & day 3 registration
09.00 – 09.30	<b>Plenary session - Newborn Outcome</b> Dr Baba Inusa
09.30 – 10.30	<b>E-Learning &amp; Inspirational Video Clips</b>
10:30 – 12.40	<b>Interactive learning group activity</b> Ms Kelley Price/Ms Olawale Tijani and Mrs Faleye Musilimat from ABUTH Zaria
12:40 – 13:40	<b>Lunch</b>
13.40 – 14.10	<b>Summary of the day</b> Dr Baba Inusa

18.00 – 19.00	<b>Presentation of certificates and Closing Remarks</b> <b>Dr Jacques Elion/ Dr Amina Abubakar Bello</b>
19.00 – 20.00	<b>Dinner</b>

### DAY THREE THURSDAY 4 AUGUST – LABORATORY STAFF ONLY

---

<b>SESSION 5</b>	
<b>Chair: Dr Wale Atoyebi</b>	
<b>Isoelectronic Focusing theory and in lab demonstration</b>	
08.00 – 09:00	Breakfast & day 3 registration
	Travel to the lab to complete lab training
09.00 – 17:00	<b>Principles of IEF for Newborn screening /protocols</b> Mrs Sarah Asante Adjei Cofie & Dr Jacques Elion
	<b>Quality control, good laboratory practice/ SOP development (generic)</b> Mrs Grace Olanipekun
	<b>Setting up IEF and standardisation</b> Mrs Sarah Asante Adjei
	<b>Demonstration of the newborn IEF procedure</b> Mrs Sarah Asante Adjei Cofie
18.00 – 19.00	<b>Presentation of certificates and Closing Remarks</b> Dr Jacques Elion/ Dr Amina Abubakar Bello
19.00 – 20.00	<b>Dinner</b>

### DAY THREE THURSDAY 4 AUGUST – TCD STAFF ONLY

---

<b>SESSION 8</b>	
<b>Chair: Dr Soundrie Padayachee</b>	
<b>Transcranial Doppler (TCD) workshop</b>	
08.00 – 09.00	Breakfast & day 3 registration
09.00 – 17.00	Transport to the Hospital to continue training
<b>Return to the hotel for at the end of the session</b>	
18.00 – 19.00	<b>Presentation of certificates and Closing Remarks</b> Professor Jacques Elion/ Dr Amina Abubakar Bello
19.00 – 20.00	<b>Dinner</b>

### DAY FOUR, FRIDAY 5 AUGUST – ALL PARTICIPANTS

---

<b>SESSION 10</b>	
<b>Chair: Prof Baba Inusa</b>	

<b>Debrief and Next Steps</b>	
08.00 – 09.00	Breakfast & day 3 registration
09.00 – 09.15	<b>Blood transfusion</b> Summary from Dr Shirley Owusu-Ofori (presented by Ms Kelley Price and Dr Wale Atoyebi)
09.15 – 09.30	<b>IEF</b> Mrs Sarah Asante Adjei
09.30 – 09.45	<b>Data and Registration</b> Mr Duccio Fedele Bonifazi
09.45 – 10.00	<b>Clinical Management</b> Dr Hafsat Ahmad / Dr Ifeoma Ijei / Dr Wale Atoyebi
10.00 – 10.15	<b>TCD and screening</b> Dr Soundrie Padayachee and Mrs Gloria Bahago
10.15 – 10.30	<b>Stake Holder Engagement and Dissemination</b> Mrs Bola Ojo
10.30 – 11.00	<b>Research opportunities</b> All
<b>End of Workshop</b>	