



Jini Na Project

Ethics approval code: NHREC/17/03/2018

Newsletter Nr. 13
August 2024

Study Team:

Principal Investigators

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- *Prof. Aisha Kuliya Gwarzo*
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Kano/Aminu Kano
Teaching Hospital)

Advisors:

- *Dr. Kathleen Selleng,*
- *Prof. Dr. Andreas Greinacher,*
(University Medicine
Greifswald, Germany)

Funder:

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Grant Management:

Sophie Reichelt, Germany

Employments:

21 Research Assistants,
4 Study Supervisors

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Bada gudummawar **Jini** da karin **Jini a Kano** project blood donation and blood transfusion in Kano project

Highlights:

- ❖ Weekly Data Review Meeting for Weeks 44, 45, 46, 47 and 48 conducted.
- ❖ Focus Group Discussion (FGD) rekindled at AKTH, MMSH and MAWTH.
- ❖ 48th Annual Conference and Scientific Meetings of the NSHBT conducted from 28th-30th August 2024
- ❖ Announcement.



Participating Hospitals:

1. Aminu Kano Teaching Hospital
2. Murtala Muhammed Specialist Hospital
3. Muhammed Abdullahi Wase Teaching Hospital
4. National Orthopedic Hospital, Dala
5. Waziri Shehu Gidado General Hospital
6. Sir Muhammadu Sanusi General Hospital
7. Sheikh Muhammed Jidda General Hospital
8. Sabo Bakin Zuwo Maternity Hospital
9. Nuhu Bamalli Maternity Hospital
10. Khalifa Isyaku Rabiu Paediatrics Hospital

□ Data Review Meeting with the Study Supervisors, Principal Investigators and Advisors to review the project data, challenges and ponder on the recommendations. The Review meetings for the month of August 2024 were conducted on 2nd (Week 44), 9th (Week 45), 16th (Week 46), 23rd (Week 47) and 30th (Week 48).

□ **Blood Donation comparison** between week 46 and week 47.

Comparison of Donations by Facility						
SN	Facility	Week 44 2nd August'24	Week 45 9th August'24	Week 46 16th August'24	Week 47 23 August'24	Total
1	AKTH	305	316	402	359	15,250
2	SBMH	-	17	-	14	309
3	KIRPH	36	33	44	38	1,297
4	MAWTH	164	110	174	175	7,051
5	NOHD	43	39	47	92	3,650
6	SMSSH	55	55	61	65	2,493
7	MMSH	248	135	291	401	10,749
8	SMJGH	52	27	66	60	1,840
9	WSGGH	65	62	83	142	2,543
Total		968	794	1,168	1,346	45,182

□ **Blood Transfusion comparison** between week 46 and week 47.

Comparison of Transfusion by Facility						
SN	Facility	Week 44 2nd August'24	Week 45 9th August'24	Week 46 16th August'24	Week 47 23rd August'24	Total
1	AKTH	226	285	241	231	10,444
2	SBMH	3	17	-	14	294
3	KIRPH	33	28	40	38	1,124
4	MAWTH	112	86	132	127	5,593
5	NOHD	37	41	34	61	2,691
6	SMSSH	42	42	61	30	1,930
7	MMSH	214	76	215	245	6,981
8	SMJGH	44	42	55	46	1,742
9	WSGGH	37	57	58	130	2,367
Total		748	674	836	922	33,166

□ The Nationwide protest (#EndBadGovernance in Nigeria) has made an impact on the general blood donations and usage at the hospitals in Kano as surgeries had to be postponed.



- The Jini Na project is conducting a study to understand the behaviours of Kano community towards voluntary blood donation. Voluntary blood donors are those who donate *fi-sabilillah* (for the sake of God Almighty) for people that they do not know and may not have a family to donate for them. And *therefore*, want to understand their views on how best we can have more donors to commit to voluntary blood donors rather than family relation donors. Also, only a small number of women donate blood in Kano but in other places, more women donate, we want to know how best we can increase the number of women who commit to voluntary donation from our discussion with various donors across the State.
- The Jini Na Project had engaged a new team for the FGD, and they have conducted 5 sessions already within 3 facilities (AKTH, MMSH, and MAWTH).



Jini Na FGD @ AKTH (Group 1)



Jini Na FGD @ MMSH (Group 1)



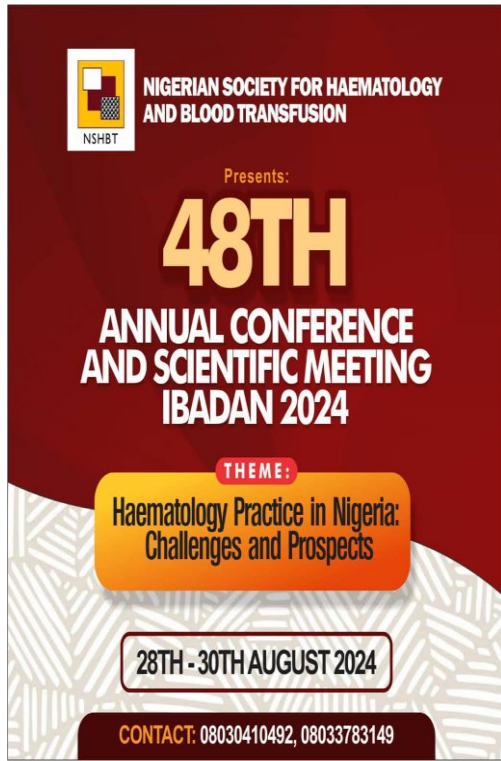
Jini Na FGD @ MMSH (Group 2)



Jini Na FGD @ MAWTH (Group 1)



Jini Na FGD @ MAWTH (Group 2)



- The Jini Na stakeholders were present at the 48th Annual Conference and Scientific Meetings of the NSHBT, which took place from August 28th to 30th, 2024. They also prepared several abstracts for the conference.
- At the event, the Jini Na stakeholders made the following presentations:
 - **Prof. Aisha Kuliya-Gwarzo:** “Organization of a Blood Bank: Lesson from AKTH, Kano.”
 - **Dr. Dalha Haliru Gwarzo:** “Safe Blood for Kano - cross sectional and longitudinal population-based study on blood donor and transfusion recipient characteristics in Northern Nigeria-data on blood donors”
 - **Dr. Halima Ismail:** “Antibody Screening and Differentiation with own reagents at AKTH, Kano-Nigeria.”
 - **Kabiru Sulaiman:** “Preservation of Red Blood Cells for antibody screening and differentiation-Establishing COOMB’s Cross-Matching in Kano Hospitals.”

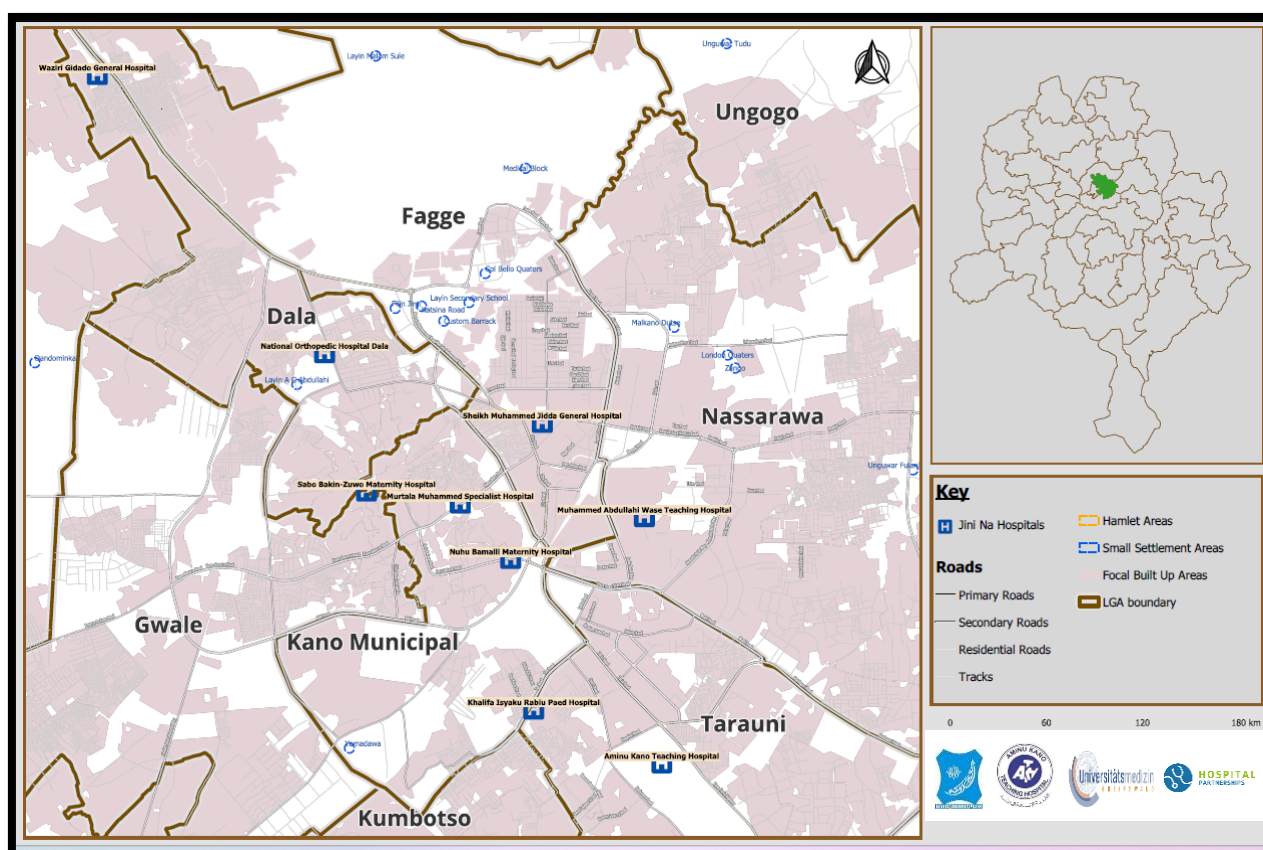


Jini Na Participating Hospitals Mapped



- The coordinates for the participating Hospitals were taken and a map was plotted to provide a Geospatial representation of the Facilities at glance on the Kano State Map.

SN	Name of the Hospital	longitude	latitude
1	Aminu Kano Teaching Hospital	8.550969	11.962811
2	Khalifa Isyaku Rabi'u Paed Hospital	8.53272442	11.97026
3	Muhammed Abdullahi Wase Teaching Hospital	8.548496059	11.99695024
4	Murtala Muhammed Specialist Hospital	8.522264	11.998847
5	National Orthopedic Hospital Dala	8.50294942	12.01968646
6	Sabo Bakin-Zuwo Maternity Hospital	8.508921068	12.00050566
7	Sheikh Muhammed Jidda General Hospital	8.533951043	12.01001916
8	Sir Muhammadu Sanusi Specialist Hospital	8.59723	12.010606
9	Waziri Gidado General Hospital	8.470587	12.058271
10	Nuhu Bamalli Maternity Hospital	8.52945	11.99115



- The **4th Jini Na Quartely Review Meeting (QRM)** for both the Stakeholders and the Research Assistants was postponed from the earlier date (**24th of August 2024**) to a later date; to be announced as soon as its confirmed.

- The Jini Na Project Team Symposium in Greifswald, Germany is on planning phase. The proposed date is on 16th September 2024.

You can participate virtually via the link provided below:

Link:

<https://eu01web.zoom.us/j/62434797442?pwd=NN80OWYqG5R8m8laa28sdrsghKicEF.1>

Meeting-ID: 624 3479 7442

Passcode: 482412

- The Jini Na Project officially welcomed 2 new part time supervisors to focus on the verification of transfusion reactions at AKTH.

	Name:	Dr. Halima Ismail
	Designation:	Supervisor

	Name:	Dr. Yahaya Yazid Ibrahim
	Designation:	Supervisor