

## **Selected Publications:**

- 1: Hollocks MJ, Kok TB, Kirkham FJ, Gavlak J, **Inusa BP** Debaun MR, de Haan M. Nocturnal oxygen desaturation and disordered sleep as a potential factor in executive dysfunction in sickle cell anemia. *J Int Neuropsychol Soc.* 2012 Jan;18(1):168-73. Epub 2011 Nov 24. PubMed PMID: 22114954.
- 2: Obaro SK, **Inusa B**, Telfer P. Hydroxycarbamide use in young children with sickle-cell anaemia. *Lancet.* 2011 Nov 19;378(9805):1777. PubMed PMID: 22098850.
- 3: Debaun MR, Sarnaik SA, Rodeghier MJ, Minniti CP, Howard TH, Iyer RV, **Inusa B**, Telfer PT, Kirby-Allen M, Quinn CT, Bernaudin F, Airewele G, Woods GM, Panepinto JA, Fuh B, Kwiatkowski JK, King AA, Rhodes MM, Thompson AA, Heiny ME, Redding-Lallinger RC, Kirkham FJ, Sabio H, Gonzalez CE, Saccente SL, Kalinyak KA, Strouse JJ, Fixler JM, Gordon MO, Miller JP, Ichord RN, Casella JF. Associated risk factors for silent cerebral infarcts in sickle cell anemia: low baseline hemoglobin, gender and relative high systolic blood pressure. *Blood.* 2011 Nov 17.
- 4: Padayachee ST, Thomas N, Arnold AJ, **Inusa B**. Problems with implementing a standardised transcranial Doppler screening programme: impact of instrumentation variation on STOP classification. *Pediatr Radiol.* 2011 Oct 15. [Epub ahead of print] PubMed PMID: 22002844.
- 5: Daniel Y, Hill K, **Inusa B**, Thein SL, Howard J. Sickle cell/ $\beta$ 0-thalassemia associated with the 1393 bp deletion can be associated with a severe phenotype. *Hemoglobin.* 2011;35(4):406-10.
- 6: Vichinsky E, Bernaudin F, Forni GL, Gardner R, Hassell K, Heeney MM, **Inusa B**, Kutlar A, Lane P, Mathias L, Porter J, Tebbi C, Wilson F, Griffel L, Deng W, Giannone V, Coates T. Long-term safety and efficacy of deferasirox (Exjade) for up to 5 years in transfusional iron-overloaded patients with sickle cell disease. *Br J Haematol.* 2011 Aug;154(3):387-97. doi: 10.1111/j.1365-2141.2011.08720.x.
- 7: Hulbert ML, McKinstry RC, Lacey JL, Moran CJ, Panepinto JA, Thompson AA, Sarnaik SA, Woods GM, Casella JF, **Inusa B**, Howard J, Kirkham FJ, Anie KA, Mullin JE, Ichord R, Noetzel M, Yan Y, Rodeghier M, Debaun MR. Silent cerebral infarcts occur despite regular blood transfusion therapy after first strokes in children with sickle cell disease. *Blood.* 2011 Jan 20;117(3):772-9. Epub 2010 Oct 12. PubMed PMID: 20940417; PubMed Central PMCID: PMC3035071.
- 8: Howard J, Woodhead T, Musumadi L, Martell A, **Inusa BP**. Moving young people with sickle cell disease from paediatric to adult services. *Br J Hosp Med (Lond).* 2010 Jun;71(6):310-4. Review. PubMed PMID: 20551868.
- 9: **Inusa B**, Zuckerman M, Gadong N, Afif M, Arnott S, Heath P, Marais G, Robertson P, Payne H, Wilkey O, Rees DC. Pandemic influenza A (H1N1) virus infections in children with sickle cell disease. *Blood.* 2010 Mar 18;115(11):2329-30. PubMed PMID: 20299522.
- 10: Toni-Uebari TK, **Inusa BP**. The role of religious leaders and faith organisations in haemoglobinopathies: a review. *BMC Blood Disord.* 2009 Aug 15;9:6. PubMed PMID: 19682389; PubMed Central PMCID: PMC2738666.
- 11: Booth C, **Inusa B**, Obaro SK. Infection in sickle cell disease: a review. *Int J Infect Dis.* 2011 Jan;14(1):e2-e12. Epub 2009 Jun 3. Review. PubMed PMID: 19497774.
- 12: Bangalore H, Bisht S, **Inusa B**. Rickets and tracheobronchomalacia. *BMJ Case Rep.* 2009; 2009. pii: bcr01.2009.1422. Epub 2009 Jun 9. PubMed PMID: 21687028; PubMed Central PMCID: PMC3027859.
- 13: Ugochukwu CC, Okpala I, Pantelidis P, **Inusa B**, Ibegbulam O, Onyekwere O. I-selection gene polymorphisms and complications of sickle cell disease. *Int J Lab Hematol.* 2008 Aug;30(4):312-6. PubMed PMID: 18665829.

- 14: Coleman E, Inusa B. Sick cell anaemia: targeting the role of fetal haemoglobin in therapy. *Clin Pediatr (Phila)*. 2007 Jun;46(5):386-91. Review. PubMed PMID: 17556734.
- 15: Sinha R, Raman V, Inusa B. A case of familial unilateral tight shoe. *Arch Dis Child*. 2007 Jun;92(6):501. PubMed PMID: 17515620; PubMed Central PMCID: PMC2066149.
- 16: Stebbing C, van der Walt J, Ramadan G, **Inusa B**. Rosai-Dorfman disease: a previously unreported association with sickle cell disease. *BMC Clin Pathol*. 2007 Apr 2;7:3. PubMed PMID: 17407562; PubMed Central PMCID: PMC1855345.
17. Dalton RN, Turner C, Dick M, Height SE, Awogbade M, **Inusa B**, Okpala I, O'Driscoll S, Thein SL, Rees DC. The measurement of urinary Hydroxyurea in sickle cell anaemia. *Br J Haematol*. 2005 Jul;130(1):138-44. PubMed PMID: 15982356.

**C-Selected Abstract peer-reviewed presentation (excluding 10 included in 10 year track record section).**

1. **Inusa B**, Booth C, Turner C, Appleby B, Padmore-Penniston G, and Dalton RN. **Estimated GFR Derived From Plasma Creatinine by Mass Spectrometry (MSMS) Is A Reliable Measure of Renal Function During the Hyperfiltration Phase In Sickle Cell Disease (SCD)**. *Blood (ASH Annual Meeting Abstracts)*, Nov 2010; **116**: 2649
2. **Inusa B, Satar AN, Kanijo B and Padayachee S**. THE IMPACT OF COMBINING TCD SCANNING IN A ONE-STOP SCD CLINIC ON PATIENT COMPLIANCE. **1st Global Congress on Sickle Cell Disease, Accra Ghana. Jul 2010**
3. Brokke F, Riding A, MacDonal L and **Inusa B**. OSTEOMYELITIS IN SICKLE CELL DISEASE: THE USE OF ULTRASOUND IN DIAGNOSING OSTEOMYELITIS. Presented at the **1st Global Congress on Sickle Cell Disease, Accra Ghana. Jul 2010**
4. **Inusa B**, Booth C, Turner C, Appleby H and Dalton RN. Estimated GFR Derived From Plasma Creatinine (MSMS) Is a Reliable Measure of Renal Function During The Hyper Filtration Phase In Sickle Cell Disease (SCD). *Innovative Therapies For Red Cell And Iron Related Disorders EHA/ESH April 16-18, 2010/Cascais, Portugal*
5. **Inusa PDB**, M Prengler, K Pohl, D Saunders, M Bynevelt, T Cox, K Chong, O Wilkey, A Yardumian, P Telfer, Jo Howard, W Jan, M Dick, D Rees, S Whitmarsh, F Kirkham. Risk factors for stroke recurrence in sickle cell disease. 47<sup>th</sup> Annual Scientific Meeting, British Society for Hematology, 30<sup>th</sup> April-2<sup>nd</sup> May 2007
6. Bartram JL, Fine-Goulden MR, Green D, Ahmad R, and **Inusa BPD** **Asthma in Pediatric Sickle Cell Acute Chest Syndrome: In An Inner City London Hospital**. *Blood (ASH Annual Meeting Abstracts)*, Nov 2008; **112**: 2481.

**Chapters in Collective books**

Oyewo A, Arujuna NR and **Inusa PDB**. **Sickle Cell Disease in Children**. In *Synopsis of Hematology Including Blood Diseases in the Tropics*, edited I Okpala and C Johnson. 2010, 299-310

**Invited Presentations to internationally organised conferences**

- (The management of infections in SCD, 2011 (Immunisation strategy and understanding the role of infections in SCD)-**Sickle cell conference, October, 2009 (transition from paediatrics to adult in SCD), 2010**
- Implementation of transcranial Doppler scanning in SCD, the role of imaging and non-imaging techniques-**UK National Sickle cell and thalassaemia screening committee annual conference**
- Sickle cell disease, a preventive strategy in Nigeria, the role of Diaspora –**Medical Association of Nigerians –www.mansag.org**
- New Therapies in SCD, the use of erythrocytapheresis in the management of stroke in SCD-**Guy's and St Thomas Annual Advanced Update in Sickle Cell and Thalassaemia**
- Erythrocytapheresis in SCD- **Caridian BCT conference on sickle cell management, Bahrain, 2009**
- Guest Speaker on Asthma study in SCD, **Vanderbilt University, Nashville**

- Clinical Management strategy for Sickle cell disease- strategy for developing countries, **Paediatric Association of Nigeria (PANCOF 2011)**
- **Feb 2012-African and Western Medicine- role of science, British Science Museum, London**

#### **Research expeditions led by the BI**

- Establishment of Newborn Screening and Pilot Cohort Study, **Abuja, Nigeria-Funder EC-UNDP JMDI 2009-March 2011, Role: Chief Investigator and Chair**
- Asthma Study in sickle cell disease and non sickle cell disease- **Katsina State and Aminu Kano Teaching Hospital, Kano. Kano State, Nigeria- June-December, 2011, Role: Joint Principal Investigator**
- **GSTT-Ndola Children's link lead for research in sickle cell and HIV, 1<sup>st</sup> Visit November, 2011**

#### **International conferences and congresses-Organisational role**

- **UK Forum on Haemoglobin Disorders-Twice Yearly International Conferences as the National Secretary**, since 2005 I have been the convener and organiser of the meetings. These have international audience from Europe, Africa and Republic of Ireland.
- **International Guy's and St Thomas Annual Update** Conference :Sickle cell and thalassaemia international course and advanced updates, responsible for concept –**Convener and Coordinator**
- American Society of Hematology-2010- **co-ordinating abstract reviewer, chair of scientific sessions**, 2009-**Abstract reviewer and chair of scientific session.**

**Inspiring young researchers** Over the last 4 years I have supervised postgraduate students through BSc (2) MSc. (4) and PhDs (2) candidates. Overseas elective fellows in paediatrics - USA x 3, Italy- 2 fellows, Qatar - 2. Continues to work with medical student through special study modules to publish in peer review journals (2005-date). Chair of London Focus Sickle cell Africa aimed at establishing research capacity in Africa.

#### **Editorial Peer-Review Service**

- 2009 -American Society of Hematology- Educational Conference and Book Reviewer: Sickle Cell Disease
- 2009 -Abstract Reviewer, American Society of Hematology Annual Meeting,
- 2009 -current-Current: Reviewer, British Medical Journal
- 2009 -National Clinical Excellence Award Scheme Assessor