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**BIOGRAPHICAL SKETCH**

NAME: TONIA CHINYELU UZOMA ONYEKA

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: CONSULTANT ANAESTHETIST, PAIN & PALLIATIVE MEDICINE  
PHYSICIAN

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**EDUCATION/TRAINING**

| INSTITUTION AND LOCATION         | DEGREE<br>(if<br>applicable) | Completion<br>Date<br>MM/YYYY | FIELD OF STUDY     |
|----------------------------------|------------------------------|-------------------------------|--------------------|
| COLLEGE OF MEDICINE, UNEC        | MBBS                         | 06/1996                       | MEDICINE & SURGERY |
| WEST AFRICAN COLLEGE OF SURGEONS | DIPLOMA                      | 04/2001                       | ANAESTHESIA        |
| WEST AFRICAN COLLEGE OF SURGEONS | FWACS                        | 10/2006                       | ANAESTHESIA        |
| CARDIFF UNIVERSITY, WALES, UK    | MSc                          | 06/2014                       | PAIN MANAGEMENT    |

**B. Positions and Honors****Positions and Employment**

2002 - 2006 Chief Resident, Department of Anaesthesia, University of Nigeria  
2003 – 2016 Locum Physician Anaesthetist, Nigerian Liquefied Natural Gas, Bonny, Rivers State  
2008 – 2010 Departmental Research Coordinator, Directorate for Research and Publication, College Of Medicine, University Of Nigeria, Enugu Campus  
2008 - Founding Head, Pain & Palliative Care Unit, UNTH, Ituku-Ozalla  
2010 - Senior Lecturer, College of Medicine, University of Nigeria, Ituku-Ozalla Campus  
2010 - Consultant Anaesthetist, Department of Anaesthesia, UNTH, Ituku-Ozalla  
2011 - Locum Physician Anaesthetist, Shell Petroleum Development Company, Port-Harcourt  
2016 - Initiator & Principal Investigator, EPAC Research Team, Pain & Palliative Care Unit, Multidisciplinary Oncology Centre, College of Medicine, University Of Nigeria.  
2018 - Ag. Head, Department of Anaesthesia, College of Medicine, University of Nigeria

**Other Experiences and Professional memberships**

1996 - Member, Nigerian Medical Association (NMA)  
2006 – Member, Nigerian Society of Anaesthetist (NSA)  
2006 - Member, West African College of Surgeons (WACS)  
2008 - 2010 Member, Research Grant Committee, College of Medicine, UNEC  
2008 - Member, Society for the Study of Pain, Nigeria (SSPN)  
2010 - Member, Curriculum Committee, College of Medicine, UNEC  
2010 - Member, Hospice and Palliative Care Association of Nigeria (HPCAN)  
2010 – 2012 Assistant General Secretary, Nigerian Society of Anaesthetists (NSA)  
2012 – 2014 Public Relations Officer, Nigerian Society of Anaesthetists (NSA)

- 2012 - Chairperson, UNTH Chapter of Hospice & Palliative Care Association of Nigeria (HPCAN)
- 2012 - Member, International Society of Advance Care Planning and End-Of-Life Care (ACPEL)
- 2012 - Member, International Association for Hospice and Palliative Care (IAHPC)
- 2012 - Member, International Association for the Study of Pain (IASP)
- 2012 - International Corresponding Member, American Society of Clinical Oncology (ASCO)
- 2012 - International Corresponding Member, American Academy of Hospice and Palliative Medicine (AAHPM)
- 2015 – 2017 Staff Champion, Pain-Free Hospital Initiative (PFHI) Treat-the-Pain program of the American Cancer Society (ACS)
- 2016 - Member, African Organisation for Research and Training in Cancer (AORTIC)
- 2017 - Member, Technical Expert Group (TEG) on Development of Guidelines on Pain Management for Nigeria

### **Honors and Awards**

- 2012 Global Academic Program Associate - The University of Texas, MDAnderson Cancer Center, Houston, Texas, USA.
- 2012 American Academy of Hospice and Palliative Medicine (AAHPM) Scholar
- 2012 Conquer Cancer Foundation of American Society of Clinical Oncology (ASCO) International Development and Education Award in Palliative Care (IDEA-PC) Recipient.
- 2012 2nd Place Prize for Best Paper Presented at the 15th Annual Scientific Conference of the Society for the Study of Pain Nigeria (SSPN) Port Harcourt, Nigeria
- 2013 Certificate of Recognition, Awarded by the International Association for Hospice and Palliative Care (IAHPC), for Support to the Promotion and Development of Palliative Care in the World.
- 2014 Union for International Cancer Control (UICC), Global Access to Pain Relief Initiative (GAPRI) Envoy
- 2017 African Organization for Research and Training In Cancer (AORTIC) African Cancer Leadership Institute (ACLI) Scholar
- 2017 Winner of the John J. Sciarra IJGO Prize Paper Award for 2017: Chibuike O. Chigbu, Azubuike K. Onyebuchi, **Tonia C. Onyeka**, Boniface U. Odugu, Cyril C. Dim, The impact of community health educators on uptake of cervical and breast cancer prevention services in Nigeria. Int J Gynecol Obstet. 2017;137:319–324.
- 2018 Union for International Cancer Control (UICC) Fellow

### **C. ADVISING AND MENTORING ACTIVITIES**

1. ***PhD dissertation:*** Agom David Agom. The University of Northampton School of Health, United Kingdom. Dissertation title: **The experiences of palliative care team members about the factors that influence the provision of palliative care services in UNTH: an organisation ethnography.** Role: Local Supervisor.
2. ***Post-doctoral thesis:*** Oji Nwabata. Rheinisch-Westfälische Technische Hochschule (RWTH-Aachen University), Aachen, North Rhine-Westphalia, Germany. Thesis title:

**International medical education in palliative care – research on young physicians in Nigeria.** Role: Local Supervisor.

#### **D. Contribution to Science**

Several peer-reviewed publications in many reputable medical journals

My Bibliography URL: <http://www.ncbi.nlm.nih.gov/myncbi/1F5FPRYpb-V5n/cv/149592/>

My Google Scholar Citations URL:  
<https://scholar.google.com/citations?user=Fm7YG2gAAAAJ&hl=en>

#### **List of Scholarly Works**

##### **a. Research Articles**

2. Ezike HA, Ajuzieogu VO, Uguru, CC, **Onyeka T**. *Modified Submental Endotracheal Intubation Technique in Maxillofacial Injuries*. Nig Med J 2008; 49(4):101 – 103.
3. **Onyeka TC**. *Psychosocial issues in palliative care: a review of five cases*. Indian J Palliat Care 2010; 16:123 – 8.
4. **Onyeka TC**, Ewuzie N. *Choice of future career amongst medical students in Enugu, Nigeria: implications for anaesthesia*. Nig J Surg 2010; 16(1 & 2): 9 - 12.
5. Chukwueke FN, Akaji C, **Onyeka TC**, Udeagha P. *Surgical Excision of intra-oral dermoid cyst under local anaesthesia: a review of nine cases*. J Maxillofac Oral Surg 2010; 9(1): 19 – 21.
6. Adudu OP, Kolawole IK, Ekumakamah, **Onyeka T**. *Awareness about paediatric acute pain service among anaesthesia residents in tertiary hospitals in Nigeria*. J Medical Biomed Res 2010; 9(2): 33 - 41.
7. **Onyeka TC**. *Masseter muscle rigidity: Atypical malignant hyperthermia presentation or isolated event?* Saudi J Anaesth 2010; 4(3): 205 – 206.
8. Ezike HA, **Onyeka TC**, Ajuzieogu VO. *Unanticipated quadriplegia in an unconscious mechanically ventilated, head-injured patient*. Nig J Surg 2010; 16(1 & 2): 17 – 20.
9. **Onyeka TC**. *Training in Acupuncture: A Participant's view*. Acupunct Med (BMJ) 2011; 29: 76 – 78.

10. Adudu OP, **Onyeka TC**, Kolawole IK, Desalu I, Ekumakamah. *Appropriate practice of anaesthesia: a plea for better training*. Saudi J Anaesth 2011; 5: 170 - 2.
11. Chigbu CO, **Onyeka TC**. *Denial of pain relief during labour to parturients in South-eastern Nigeria*. Int J Gynecol Obstet 2011; 114(3): 226 – 228.
12. **Onyeka TC**. *Palliative care in Enugu, Nigeria: Challenges to a new practice*. Indian J Palliat Care 2011; 17(2): 133 – 36.
13. **Onyeka TC**, Ezike HA, Nwoke OM, Onyia EC, Anya S, Onuora EC, Nnacheta T. *Herbal medicine: A survey of use in Nigerian presurgical patients booked for ambulatory anaesthesia*. BMC Complement Altern Med 2012; 12: 130.
14. **Onyeka TC**, Velijanasvili M, Senbeta GA, Manase F, Kordzaia D. *21<sup>st</sup> century palliative care: a tale of four nations*. Eur J Can Care 2013; 22(5): 597 – 604.
15. Aniebue UU, **Onyeka TC**. *Ethical, Socioeconomic, and Cultural Considerations in Gynecologic Cancer Care in Developing Countries*. Int J Pall Care. 2014; Article ID 141627, pages 1 – 6;
16. **Onyeka TC**, Chukwuneke FN. *Pain research in Africa: a 10-year bibliometric survey*. J Anesth 2014; 28 (4), 511-516.
17. MI Nwafor, UU Aniebue, TO Nwankwo, **TC Onyeka**, VU Okafor. *Perinatal outcome of preterm cesarean section in a resource-limited centre: A comparison between general anaesthesia and subarachnoid block*. Nigerian journal of clinical practice 2014; 17 (5), 613-618.
18. I Onwuekwe, **T Onyeka**, E Aguwa, B Ezeala-Adikaibe, O Ekenze. *Headache prevalence and its characterization amongst hospital workers in Enugu, South East Nigeria*. Head & Face Medicine 2014; 10 (1), 48.
19. Chigbo NN, Ezeome ER, **Onyeka TC**, Amah CC. *Ethics of physiotherapy practice in terminally-ill patients in a developing country, Nigeria*. Nig J Clin Pract (Suppl) 2015; 18(7): 40 – 45.
20. Chukwuneke FN, Ekwueme OC, **Onyeka TC**, Akpeh JO. *Tele-Medicine and Biomedical Care in Africa: Prospects and Challenges*. Nig J Clin Pract 2015.

21. The International Surgical Outcomes Study group. Global patient outcomes after elective surgery: prospective cohort study in 27 low-, middle- and high-income countries. *Br J Anaesth*. 2016 Nov; 117(5): 601–609.
22. Szakmany T, Ditai J, Kirov M, Protsenko D, Osinaike B, Venara A, Demartines N, Hubner M, Pearse RM on behalf the International Surgical Outcomes Study (**ISOS**) group. In-hospital clinical outcomes after upper gastrointestinal surgery: Data from an international observational study. *Eur J Surg Oncol*. 2017 Aug 18. pii: S0748-7983(17)30630-3. doi: 10.1016/j.ejso.2017.08.002
23. Nwankwo TO, Obioha KCE, Aniebue UU, Obioha JO, **Onyeka T**, Okereke-Davids C. Physicians Disposition to Active/Passive Euthanasia in Nigeria: A Survey of Doctors in Enugu, Nigeria. *J Clin Obstet Gynecol Infertil*. 2017; 1(2):1010.
24. Kahan BC, Koulenti D, Arvaniti K, Beavis V, Campbell D, Chan M et al. Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. *Intensive Care Med* 2017; doi:10.1007/s00134-016-4633-8.
25. T. Ahmad, R. A. Bouwman, I. Grigoras, C. Aldecoa, C. Hofer, A. Hoeft, P. Holt, L. A. Fleisher, W. Buhre, and R. M. Pearse\* on behalf the International Surgical Outcomes Study (**ISOS**) group. Use of failure-to-rescue to identify international variation in postoperative care in low-, middle- and high-income countries: a 7-day cohort study of elective surgery. *BJA* 2017; doi: 10.1093/bja/aex185
26. IJ Okoroafor, FN Chukwuneke, N Ifebunandu, **TC Onyeka**, CO Ekwueme. *Telemedicine and biomedical care in Africa: Prospects and challenges*. *Nigerian journal of clinical practice* 2017; 20 (1), 1-5
27. CO Chigbu, AK Onyebuchi, **TC Onyeka**, BU Odugu, CC Dim. *The impact of community health educators on uptake of cervical and breast cancer prevention services in Nigeria*. *International Journal of Gynecology & Obstetrics* 2017; 137 (3), 319-324
28. Abbott TEF, Ahmad T, Phull MK, Fowler AJ, Hewson R, Biccadd BM, Chew MS, Gillies M, Pearse RM for the International Surgical Outcomes Study (**ISOS**) group. The surgical safety checklist and patient outcomes after surgery: a prospective

observational cohort study, systematic review and meta-analysis. *Br J Anaesth*. 2018 Jan;120(1):146-155. doi: 10.1016/j.bja.2017.08.002. Epub 2017 Nov 23.

29. A.J. Fowler, T. Ahmad, T.E.F. Abbott, H.D. Torrance, P.F. Wouters, S. De Hert, S.M. Lobo, L.S. Rasmussen, G. Della Rocca, W.S. Beattie, D.N. Wijeyesundera, R.M. Pearse on behalf of the International Surgical Outcomes Study **{ISOS}** Group. Association of preoperative anaemia with postoperative morbidity and mortality: an observational cohort study in low-, middle-, and high-income countries. *BJA* 2018; 121{6}: 1227–1235
30. Khanjani Pour-Fard-Pachekenari A, Rahmani A, Ghahramanian A, Asghari Jafarabadi M, **Onyeka TC**, Davoodi A. The effect of an Oral Care Protocol and Honey Mouthwash on mucositis in Acute Myeloid Leukemia patients undergoing chemotherapy: A Single-blind Clinical Trial. *Clin Oral Investig*. 2018 Sep 11. doi: 10.1007/s00784-018-2621-9.
31. International Surgical Outcomes Study (**ISOS**) group. Prospective observational cohort study on grading the severity of postoperative complications in global surgery research. *Br J Surg*. 2019 Jan;106(2):e73-e80. doi: 10.1002/bjs.11025
32. Chaudery H, MacDonald N, Ahmad T, Chandra S, Tantri A, Sivasakthi V, Mansor M, Matos R, Pearse RM, Prowle JR; International Surgical Outcomes Study (**ISOS**) Group. Acute Kidney Injury and Risk of Death After Elective Surgery: Prospective Analysis of Data from an International Cohort Study. *Anesth Analg*. 2018 Nov 9. doi: 10.1213/ANE.0000000000003923.
33. Chukwuneke FN, Okechi UC, Nwosu JN, **Onyeka TC**, Okoroafor IJ, Akpeh JO. Cervico-Facial Necrotizing Fasciitis: A Ten-Year Clinical Evaluation of 80 Cases in Enugu, Eastern Nigeria. *World J Oral Maxillofac Surg*. 2019; 2(1): 1018
34. Sheikhalipour Z, Ghahramanian A, Fateh A, Ghiahi R, **Onyeka TC**. Quality of Life in Women with Cancer and Its Influencing Factors. *J Caring Sci*. 2019;8(1):9–15. doi:10.15171/jcs.2019.002
35. Mirmaroorfi N, Ghahramanian A, Behshid M, Jabbarzadeh F, **Onyeka TC**, Asghari-Jafarabadi M, et al. Relationship between self-efficacy and pain control in Iranian women with advanced knee osteoarthritis. *Niger J Clin Pract* 2019; 22:460-8

36. Agom DA, Poole H, Allen S, **Onyeka TC**, Ominyi J. Understanding the organization of hospital-based palliative care in a Nigerian Hospital: An ethnographic study. Indian Journal of Palliative Care 2019; 29(2): 218 - 223

### **b. Books**

1. Guidelines for the Management of Pain in Nigeria
2. University of Nigeria Teaching Hospital Breast Cancer Management Protocol

## **Research Support**

### **A. COMPLETED RESEARCH PROJECTS:**

- **ASCO CONQUER CANCER FOUNDATION INTERNATIONAL INNOVATION GRANT:**  
**Title:** 'Impact of Community Health Educators on Uptake of Cervical/Breast Cancer Screening and HPV Vaccination in Rural South Eastern Nigeria.' January 2014 – December 2014. Role: Co-investigator.
- **PFIZER-UNION FOR INTERNATIONAL CANCER CONTROL (UICC) SEEDING PROGRESS AND RESOURCES FOR THE CANCER COMMUNITY (SPARC) GRANT:**  
**Title:** University of Nigeria Teaching Hospital – Breast Cancer Support Group (UNTH-BCSG). January 2016 – December 2016. Role: Co-Investigator.
- **AMERICAN CANCER SOCIETY - TREAT THE PAIN GRANT:**  
**Title:** Pain-free Hospital Initiative (PFHI). October 2015 – September 2017. Role: Awardee/Staff Champion.
- **ASCO CONQUER CANCER FOUNDATION INTERNATIONAL INNOVATION GRANT:**  
**Award ID:** 11321  
**Title:** Enhancing Palliative Care in Rural South-East Nigeria: Use of a Mobile App for Symptom Management. March 2017 – February 2018. Role: Principal Investigator.
- **UICC AFRICAN CANCER FELLOWSHIP GRANT**  
**Award ID:** 573633  
**Title:** Physician Shadowing For Development and Implementation of a Paediatric Palliative Care Service in Enugu, Nigeria. May 2018 – June 2018. Role: PI/Awardee.

### **B. ACTIVE RESEARCH PROJECTS**

- ***RALLY FOUNDATION FOR CHILDHOOD CANCER RESEARCH GRANT***

**Title:** In-Hospital Psychoeducation for the informal carer of the Nigerian Child with Cancer.

August 2018 – July 2019 Role: PI/Awardee

- ***BREAST HEALTH GLOBAL INITIATIVE (BHGI) TECHNICAL ASSISTANCE AND IMPLEMENTATION RESEARCH [BREAST CANCER INITIATIVE 2.5 (BCI2.5)]***

**Title:** Closing the Cancer Care Divide in Breast Cancer through Guideline Implementation in a Comprehensive Cancer Center in South Eastern Nigeria. November 2018 – October 2019. Role: Co-Investigator

- ***RALLY FOUNDATION FOR CHILDHOOD CANCER RESEARCH GRANT***

**Title:** Childhood cancer educational booklet: Development, Validation. August 2019 – July 2020. Role: PI/Awardee