

**ACADEMIC STAFF PROFESSIONAL PROFILE FORM**



**1. Personal Data**

<b>Name: DR GORDON OLUOCH OGWENO</b>
<b>Title/Qualifications: M.B; Ch.B; M.Med(Anaesth); Fellow NeuroAnaesth (UCT/WFSA)</b>
<b>Department/Unit/Section: Medical Physiology</b>
<b>Contact Address: P.O.Box 96-00202, Nairobi, Kenya</b>
<b>Position: Lecturer and Chairman of Department</b>
<b>Area of Specialization: Medical Physiology and Anaesthesiology/Neuroanaesthesia and Coagulation</b>
<b>Research Interests: Coagulation and Haemostasis</b>

**2. (a) Conference Presentations -International**

<b>S/No</b>	<b>Presenter</b>	<b>Title of Paper presented</b>	<b>City/Country</b>	<b>Date of Conference</b>	<b>Funding (US\$)</b>
2	Ogweno OG	Herbal medicine and blood clotting in the perioperative settings	Cairo, Egypt	6-10 April, 2013	
3	Ogweno OG	Evolving paradigms in Trauma induced coagulopathy: Crystalloid Haemodilution and Acidosis Revisited	Cairo, Egypt	6-10 April, 2013	
4	Ogweno OG, Gwer SA	Haemodilution with NaCl Solutions Below 600 mOsm/L Induce Hypercoagulability While Concentrations Above 1200 mOsm/L Progressively Impair Coagulation as Evaluated with	Amsterdam, Netherlands	June 29 to July 4, 2013 : XXIV congress of the ISTH ; 2940: PO 023	

		Thrombelastography in Vitro			
5	Ogweno OG, Gikonyo NK, Mwanda W, Bukachi F, Tessa P	Influence of Crystalloid Diluent's Concentration on Thrombin Generation: Comparison of NaCl and Mannitol	ISTH-SSC, Liver Pool, UK	27 <sup>th</sup> -30 <sup>th</sup> Jun, 2012 (J Thromb Haemost, Jul 2012:CFBS 16(Abstract)	
6	Ogweno OG	Ionic Hypertonic Crystalloid Solutions Profoundly Impair Coagulation Compared to Non- Ionic Solutions As Assessed By Thrombelastography (TEG) <i>in vitro</i>	IARS annual scientific conference, Honolulu, Hawaii, US	Mar 2010 (Anesth Anal, suppl, 2010:S- 23(Abstract)	
7	Ogweno OG, Reed A, Dyer R, James MF.	Haemodilution with Mannitol Demonstrates a Dose Related Impairment of Coagulation as Assessed by Thrombelastography (TEG)	ESA conference, Milan, Italy	EJA, May 2009, suppl 45:90( 6-4A). ISSN 0265- 0215 (Abstract)	
8	Ogweno OG	Primary Hyperfibrinolysis of Angioedema and secondary Hyperfibrinolysis of DIC Differentiated by TEG	4 <sup>th</sup> All Africa Anaesthesia Conference, Nairobi, Kenya	Sept 2009	

2.(b) Local Conferences

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1	Ogweno OG	The Conundrum of Chemical Thromboprophylaxis in Surgery and Trauma	Merica Hotel, Nakuru, Kenya	KSA 21 <sup>st</sup> conference, Aug , 2013	
2	Ogweno OG,	Herbal Medicines and Blood clotting in	KICC, Nairobi,	KSA 20 <sup>th</sup> Conference, 2012	

	Gikonyo NK	the perioperative settings	Kenya		
3	Ogweno OG	Crystalloid Haemodilution and Coagulation: Wherewithal?	KICC, Nairobi, Kenya	KSA 20 <sup>th</sup> Conference, 2012	
4	Ogweno OG	Undersatanding Language of Colloids: HES	KICC, Nairobi, Kenya	KSA 20 <sup>th</sup> conference, 2012	
5	Ogweno OG	Anaesthesia Induced Neurotoxicity: Insights from SAFEKIDS study	Mombasa, Kenya	KSA 19 <sup>th</sup> conference, 2011	
6	Ogweno OG	Haemodilution with Mannitol Demonstrates Dose-Related Impairment of Coagulation as Assessed by Thrombelastography, (TEG)	Crown Plaza Hotel, Nairobi, Kenya	2011,	
5	Ogweno OG	Perioperative Haemostasis and Thrombosis	Mombasa, Kenya	KSA 19 <sup>th</sup> conference, 2011	
6	Ogweno OG	Choice of Vasopressors in Obstetric Regional Anaesthesia	Mombasa, kenya	KSA 18 <sup>th</sup> conference, 2010	
7	Ogweno OG	KSA monitoring standards	Mombasa, Kenya	KSA 18 <sup>th</sup> conference, 2010	
10	Ogweno OG	Haemodilution and Coagulation-Do We Know The Dose?	Mombasa, Kenya	KSA annual Scientific Conference, 2008	
11	Ogweno OG	Incidence of Post Operative Nausea and Vomiting in Laparoscopic Surgery at Kenyatta National Hospital	Nairobi, Kenya	KSA annual scientific conference, 2003	
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2.. (c) Continuous Medical Education

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1	Ogweno OG	Current concepts in coagulation/haemostasis	Pan Afric Hotel,Nairobi, Kenya	2014 Feb	
	Ogweno	Inflammation Pain and	Pain	Jun 2012	

	OG	Coagulation	Symposium, Nairobi Hospital, Kenya		
	Ogwen OG	Undersatnding Language of Colloids	Pan Afric Hotel, Nairobi	2012	
	Ogwen OG	Thrombelastography (TEG)/Thrombelastometry (ROTEM): Technique and Clinical Applications	Aga Khan University Hospital, Nairobi, Kenya	2009	
	Ogwen OG	Hyperfibrinolysis and Angioedema-Case Presentation	University of Cape Town, Department of Anaesthesia, South Africa	Sept, 2008	
	Ogwen OG	The difficult to wean Mechanically Ventilated patient: Perspectives on Pressure Based Ventilation	Chancery Hotel, Nairobi, Kenya	2004	

### 3. Research

S/ No	Researcher	Year	Title	Donor	Funding (US\$)
1	G Ogwen, PM Waweru, V Onywera	2014	Effects of Acute Physical Exercise on Coagulation in Obese subjects and its relation to Blood Lactate and lipid levels: Comparison with non- Obese subjects	MENTORED SEED PROJECT- PRIME K	USD 5,000
2	GO Ogwen, K Gikonyo, F Bukachi, W Mwanda	2010- 2013	Effects of Crystalloid Solutions on The Human Coagulation System	NCST/5/003/ 2 <sup>nd</sup> CALL PhD/36	USD 14 000

### 4. Funded projects

S/ No	Researcher	Year	Title	Granting Body	Funding (US\$)
1	Ogweno OG	2010	The Effects of Crystalloid solutions on Human Coagulation system- Scanning Electron microscopy study ( pilot project)	Kenyatta University Vice Chancellor's Research grant	1,000
2	Ogweno OG	2008	Effects of Mannitol Haemodilution on Coagulation as Assessed by Thrombelastography <i>in vitro</i>	University of Cape Town, Department of Anaesthesia, Republic of South Africa	6,000
3	Ogweno OG	2008	Neuroanaesthesia Fellowship	World Federation of Societies of Anaesthesiologists (WFSA)	14,000

### 5. Publications

S/No.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1	Ogweno OG	2011	Novel Options in Monitoring Effects of new Anticoagulants	The Anaesthesiologist	2011, March-Jun,5: 3-6
2	Ogweno OG	2010	Nomenclature of Colloids For Anaesthetists	The Anaesthesiologist	2011 Sept-Dec,4:3-6
3	Ogweno OG	2003	Incidence of Post Operative Nausea and Vomiting in Patients Undergoing Laparoscopic Surgery At Kenyatta National	M.Med (Anaesthesia) Thesis	University of Nairobi

			Hospital. Comparison of Propofol and Sodium Thiopentone Used as Induction Agents		
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#### 6. Consultancy and community service

S/No.	Consultant (s)	Consulting Person/ Body/ Organization	Year	Title Consultancy Service	Payment (US\$)
1	Visiting Anaesthesiologist	Gertrude's Garden Children Hospital	2013-	Chairman of Division of Anaesthesia and Representative to MAC	Voluntary, non remunerative
2	Clinical Anaesthesiologist	Smile Train International	2010-	Anaesthesia services for cleft palate and reconstructive surgery	Non-remunerative, voluntary
3	Founder Board Member	Okayo Secondary School	2012-	Benefactor and community mobiliser	Voluntary

#### 7. Affiliation to Professional Bodies

S/No	Name of professional body
1	Kenya Society of Anaesthesiologist ( KSA)
2	Kenya Medical Practitioners & Dentist Board
3	International Society for Thrombosis and Haemostasis (ISTH)
4	International Anesthesia Research Society (IARS) (Lapsed)

#### 8. National and International awards and Recognitions

S/No	Name of award or Recognition	Awarding Organization/Body	Year
1	Clinical Fellowship in Neuro Anaesthesiology	World Federation of Anaesthesiologist (WFSA)	2008

#### 9. External Examination

S/No	Institution	Year
1	Kenya Medical Training College (KMTC)	2004-2006

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**10. Supervision of postgraduate students (if any)**

S/No	Name of student	Thesis title	Status of project(e.g.Fiest year etc)
1	Gichu Muthoni (Dr) Reg H108/13445/2009	Electrocardiographic Assessment of Left Ventricular Hypertrophy Features Among Elite Kenyan Rugby Players	Completed data collection, writing thesis
2	Josphat Mwangi Gakingo, Reg P57/CTY/23699/2011	Effects of Chronic and Terminal Illness on Caregiver Quality of Life in Muranga	Proposal and data collection
3	Dominic Munyoroku Kariuki, Reg I 11632/2004	Adverse Drug Reactions in Kenya and Associated Risk Factors	Proposal and data collection

**11. Patents (if any)**

S/No	

**12. University Administrative positions held to date**

- i. **Chairman of Department, Medical Physiology, Kenyatta University-  
April 2014**
- ii. **Examinations Co-coordinator-Department of Medical Physiology**
- iii. **Coordinator for Clinical Pharmacology-2006-2009**
- iv. **Departmental representative to School of Health Sciences Board of  
Undergraduate Studies**
- v. **Department of Medical Physiology Marks Verification and  
Anticorruption Committee**

**13. Previous Positions Held**

- I. **Supernumerary Medical Specialist ( Neuroanaesthesia)-Department of  
Anaesthesia, University of Cape Town:2008**
- II. **Locum Registrar in Anaesthesia, Department of Anaesthesia, Aga  
Khan University Hospital: 2004-2006**
- III. **Locum Registrar in Intensive Care Unit, Aga Khan University  
Hospital, Nairobi: 2003-2004**

- IV. Senior House Officer, Intensive Care Unit, Aga Khan University Hospital, Nairobi, Kenya: 2002-2003
- V. Medical Officer, Mathari Hospital, Nairobi, Ministry of Health: 1999-2002
- VI. Medical Officer (Intern), Kenyatta National Hospital, Nairobi, Kenya: 1998-1999