

Curriculum Vitae

Name: Arthur Musakulu Kemoli
Date of Birth: 10 October 1954
Sex: Male
Nationality: Kenyan
Marital status: Married with three children
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Contact telephone: **Mob.** 0722 436 481
e-mail: musakulu@gmail.com

I. Current position

Associate Professor & Chairman: Department of Paediatric Dentistry and Orthodontics.

II. Education

2006 – 2010: PhD (Pedodontology), University of Amsterdam, The Netherlands
1998 – 2001: MSc (Paediatric dentistry), ACTA; University of Amsterdam, The Netherlands
1993 – 1994: DGDP, RCS (Eng) (UK Diploma)
1976 – 1980: BDS, University of Nairobi – Best dental graduand of the year
1974 – 1975: EAACE, Kagumo High School – Top student for the year
1970 – 1973: EACE, Kakamega High School – Second top student for the year
1963 – 1969: CPE, Keveye Primary School – Top student, Western province

III. Professional Certificate courses

2001:	Certificate	Tooth Pain Management in dental practice	Rotterdam, Netherlands
2000:	Certificate	Syndromes in children, recognition, aetiology and implication	Amsterdam, Netherlands
2000:	Certificate	Relaxation technique and hypnosis	Amsterdam, Netherlands
1999:	Certificate	Human growth and development	Vrij Universitet, Netherlands
	Certificate	Autism as a developmental disturbance	Amsterdam,

Certificate	Behavioural disturbances in mentally Handicapped children	Netherlands Amsterdam, Netherlands
Certificate	Anxiety in the dental practice	Amsterdam, Netherlands

IV. Employment history

2014 (Oct) – to date :	Associate Professor, Department of Paediatric Dentistry and Orthodontics	University of Nairobi
2013 (Sept)	Chairman, Department of Paediatric Dentistry and Orthodontics,	University of Nairobi
2010 (Dec) – 2014 (Sept):	Senior Lecturer, Department of Paediatric Dentistry and Orthodontics	University of Nairobi
2003 (May) - 2010 (Dec):	Lecturer, Department of Paediatric Dentistry and Orthodontics	University of Nairobi
2002 (May) - 2003 (May):	Director Kemoli and Associates Private dental clinic	Nairobi
2001 (Sept) - 2002 (Apr):	Worked in various private clinics	Hague, Netherlands
2000 (Jan) – 2002 (Apr):	Part-time Lecturer, Royal Tropical Institute	Amsterdam, Netherlands
1998 (Sept) - 2001 (Sept):	MSc Paediatric Dentistry Programme	Amsterdam, Netherlands
1992 (Jan) - 1997 (Aug):	Director, Kemoli and Associates Private dental clinic	Nairobi
1988 (May) – 1991 (Dec):	Senior Dental Officer, Nairobi City Council	Nairobi
1985 (Jan) – 1988 (Feb):	Honorary/Part-time Lecturer, Department of Community Medicine, University of Zimbabwe	Harare, Zimbabwe
1986 (Jan) - 1988 (Feb):	Chief Dental Officer/Senior dental officer In-Charge of 7 municipal dental clinics with staff of 3 dentists, 9 dental therapists and 20 dental assistants, City Council of Harare	Harare, Zimbabwe
1983 (Nov) – 1985 (Dec):	Dental officer, City Council of Harare	
1980 (Oct) – 1983 (Oct):	Dental Intern/Dental Officer, Ministry of Health, Kenya	Nairobi, Kenya
1976 (Jan – Aug):	Un-Trained Teacher, Keveye Secondary School	Vihiga, Kenya

V. Awards and honours

1. **2014** (March 9-14) Global Child Dental Fund Sponsorship to the Senior Dental Leadership-8 Conference in London, UK
2. **2011** Biographee in Marqis Who's who in the world for contribution made towards the community and the profession
3. **2000** (Nov) Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), The Netherlands - sponsorship for research, Nairobi.

VI. Administrative/responsibilities experience

University level

- 2013** (Sept) - **to date** Member (as Chairman of Department), University of Nairobi Senate
2012 – 2013 (Sept) School Representative to University of Nairobi Senate

School level

- 2012** (26 March – 3 April): Acting Dean, SDS
2011 (21 Nov – 26 Nov): Acting Dean, School of Dental Sciences
2011 (10 Oct – 14 Oct): Acting Dean, School of Dental Sciences
2007 (Sept) to date: Member of Student Counseling Committee for the School
2008 (Feb) to Sept 2013): Member School ISO Committee

Departmental level

- 2014** (March) Supervised the formulation of Department of Paediatric Dentistry and Orthodontics Strategic Plan for 2013-2018
Supervised the review of MDS Curriculum
- 2013** (Sept) - **to date** Chairman, Department of Paediatric Dentistry and Orthodontics
2013 (May to Sept) Acting Coordinator of Postgraduate studies in the Department
2013 (April 29 – May 10): Acting Chairman of the Department
2012 (Nov 18 – Dec 18): Acting Chairman of the Department
2012 (June 11, 18, 22): Organized a paediatric dental seminar for Masters students in Paediatric Medicine.
- 2011** (28 Nov – 22 Dec): Acting Chairman, Department of Paediatric Dentistry and Orthodontics, SDS
- 2009** (Dec) – 2010 (Jan): Acting Chairman of the Department
2008 (Dec) – 2009 (Jan): Acting Chairman of the Department
2008 (Feb) to Sept 2013): Chairman, Departmental ISO Committee
2007 (May) - **2013** (Sept): Departmental ICT Champion
2007 (Aug) – **2008** (Aug): Co-coordinator of Postgraduate studies in the Department
2007 (Aug) – 2008 (Jan): Acting Chairman of the Department

2005 (May) – 2007 (July): Departmental coordinator for Undergraduate studies

VII. Collaboration with other Universities Initiatives

1. Started process for Links with University of Amsterdam (ACTA), CEP Department and SDS, University of Nairobi
2. Initiated process to link one Japanese University and Nairobi University.
3. Facilitated the Linking of University of Nairobi and Maharish Markeneswar (MM) University in India. MOU signed in August, 2014

VIII. Teaching experience – lectures, tutorials, practical and clinical courses for undergraduate and postgraduate students

2010 (Dec) to date: Senior Lecturer, Department of Paediatric Dentistry and Orthodontics, University of Nairobi

2003 (May) – to date: Lecturer, Dept. Paediatric Dentistry/Orthodontics, University of Nairobi.

2002 (Dec – 2003 May): Honorary Lecturer, Dept. Paediatric Dent/Orthodontics, University of Nairobi

2000 – 2002: Part-time Lecturer, Royal Tropical Institute, Amsterdam, The Netherlands

1999 – 2001: Undergraduate clinical teaching, University of Amsterdam

1985 (Nov) – 1988 Feb): Part-time Lecturer, Department of Community Medicine, University of Zimbabwe, Zimbabwe.

IX. Consultancy - Commission for University Education (CUE)

2014 (Mar 24 to date) Pre-qualified peer reviewer for Commission for University Education, Kenya

X. External Examiner

2011(August) -**2013** (Nov): External Examiner for paediatric Dentistry in School of Dentistry, Moi University, Eldoret

2014 (Nov) External Examiner in Paediatric Dentistry and Orthodontics, School of Dentistry, Moi University, Eldoret

XI. Supervision of Undergraduate and post graduate student projects

I have successfully supervised **FOUR** Undergraduate student research projects and **SEVEN** Masters students' projects. I have **TWO** Masters and **ONE** Doctoral students underway. I have examined a number of Masters (MDS) Thesis and reviewed a number of Masters and PhD proposals.

University of Nairobi PhD student research Project (On-going)

Year	Student name	Research topic	Stage
2012 (Oct):	Regina Mutave:	Effect of posters and mHealth education strategies on teething beliefs and oral health knowledge among mothers attending selected well-baby clinics in Nairobi	Data Collection stage

University of Nairobi MDS Thesis supervision (Completed)

No.	Year	Student name	Research topic
1.	2011:	Opondo Immaculate Achieng:	The effects of Dental caries and oral health status on oral health related quality of life of 6 to 12 year-olds in a slum in Nairobi.
2.	2010:	Daniel Kimei:	Oral health status among 3 to 12 year-olds with acquired/congenital heart disease in Nairobi and their caregiver knowledge, attitudes and practices on oral healthcare of these children.
3.	2007:	Nancy Njoroge:	Early childhood caries among 3 – 5 year-olds and their care-giver's oral health knowledge, attitude and practice in Kiambaa division, Kenya
4.	2006:	Jenipher Achieng Ober:	Oral health status and utilization of oral health services by children with cerebral palsy at two centres in Nairobi, Kenya
5.	2005:	D.S. Rwakatema:	Malocclusion and Orthodontic treatment needs in 12 – 15 year-old children in Moshi, Tanzania.

University of Amsterdam MSc Thesis Supervision (Completed)

No.	Year	Student name	Research topic
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| 6. | 2011 | Boon CPJM | Effects of ART restorations on the carious process within dentine. |
| 7. | 2011 | Nanda Visser | Survival of Art restorations after two years |

University of Nairobi Masters student research Projects (on going)

Year	Student name	Research topic	Stage
2012	Fredah Chepngetich Chepkwony	Oral health status and treatment needs among 3-6 year-olds attending Lady Northey dental clinic in Nairobi County	At proposal stage
2013	Mohamed A Sheikh	Oral health status of 3-12 year-olds with type 1 Diabetes mellitus attending KNH and their caregivers' oral health knowledge, attitude and practices	At proposal development stage

University of Nairobi Undergraduate Research Projects (Completed)

No	Year	Student name	Research topic
1.	2010:	Beldina Machogu:	Aetiology and effects of dental anxiety on early oral health seeking behaviour among 9 to 15 year-old children in Nairobi primary schools.
2.	2010:	Oramis D:	The effects of advertisements on the oral health seeking behaviour of primary school children from two schools in Nairobi.
3.	2007:	Gwahala Edalia Laura:	Oral health status, practice and attitude of children from two homes in Nairobi
4.	2006:	Otieno Odhambo:	Oral health status, knowledge and practice in children in three schools in Kasarani, Nairobi

University of Amsterdam Undergraduates research Projects (Completed)

No	Year	Student name	Research topic
5.	2007 (Sept-Nov):	Krebbbers Hans	The quality of ART proximal restorations after one and a half years
6.	2007 (Sept-Nov):	Eric Millards	The quality of ART proximal restorations after one and a half years
7.	2007 (May-Jul):	Eilooof TC	The quality of ART proximal restorations after one year

8. **2007** (May-Jul): Menke SME The quality of ART proximal restorations after one year
9. **2007** (May-Jul): Tjoe A Long JIS The quality of ART proximal restorations after one year
10. **2007** (May-Jul): Eva Tromp Review of survival rates of proximal ART restorations after five months
11. **2007** (May-Jul): Marijn Buikstra Review of survival rates of proximal ART restorations after five months
12. **2006** (May-Jul): Van de Veerdonk Clinical training in ART technique and restoration of carious primary molars in a research project. Thesis on the quality of proximal ART restorations after one month.
13. **2006** (May-Jul): Andriessen Frank, Clinical training in ART technique and restoration of carious primary molars in a research project. Thesis on the quality of proximal ART restorations after one month.
14. **2006** (May-Jul): Alexander Schouten Clinical training in ART technique and restoration of carious primary molars in a research project. Thesis on the quality of proximal ART restorations after one month.
15. **2006** (May-Jul): Camillo Boxtel Clinical training in ART technique and restoration of carious primary molars in a research project. Thesis on the quality of proximal ART restorations after one month.
16. **2006** (Feb-Apr): Marcel Duker Choosing proximal cavities, restorable using the ART approach.
17. **2006** (Feb-Apr): Pieter HD Choosing proximal cavities, restorable using the ART approach
18. **2006** (Sept-Nov): Hoebe Marloes The art of ART.
19. **2006** (Sept-Nov): Nanda Visser The art of ART
20. **2006** (Sept-Nov): Lairetta Vassen The art of ART.
21. **2006** (Sept-Nov): Eveline Driessen The art of ART.
22. **2005** (Sept-Nov): Wils Haye Oral Hygiene in primary school children in Machakos, Kenya. A continuation report.
23. **2005** (Sept-Nov): Arjan Wehman Oral Hygiene in primary school children in Machakos, Kenya. A continuation report.
24. **2005** (May-Aug): Linda Snijders The immediate benefits of using herbal mouthwashes in 6 to 7 year-olds t on oral health status
25. **2005** (May-Aug). Anne de Winter The immediate benefits of using herbal

- mouthwashes in 6 to 7 year-olds t on oral health status
26. **2003** (Sept-Nov): Marcel A.W. Prazsky Evaluating the caries and oral health status of children from a rural-population in Kenya.
 27. **2003** (Sept-Nov): de Goode M.P Evaluating the caries and oral health status of children from a rural-population in Kenya.
 28. **2002** (Sept-Nov): Braakhuis WM The effects of an intervention programme on oral health status of rural school children 6 to 7 years after two years
 29. **2002** (Sept-Nov): Vis GMG The effects of an intervention programme on oral health status of rural school children 6 to 7 years after two years
 30. **2002** (Jan-Mar): Inge Aarts Survival rate of class I ART restorations in permanent molars: two –year results.
 31. **2002** (Jan-Mar): Maurits Mayer Survival rate of class I ART restorations in permanent molars: two –year results.
 32. **2002** (Mar-May): van Karin Mes Use of mswaki and its effectiveness on oral health and dental treatment with ART technique in primary school children in rural Kenya.
 33. **2002** (Mar-May): Dunkerken Antoine Use of mswaki and its effectiveness on oral health and dental treatment with ART technique in primary school children in rural Kenya.
 34. **2000** (Sept-Dec): van Leonie Leeuwen The effects of an intervention programme on oral health status of rural school children 6 to 7 years after six months
 35. **2000** (Sept-Dec): Brenda Thiers The effects of an intervention programme on oral health status of rural school children 6 to 7 years after six months

XII. Research grants

1. **2001** Nederlandse Organisatie voor Wetenschappelijk onderzoek Euro 1,000
2. **2006 – 2010** NUFFIC (The Netherlands) Research grant Euro 74,000
3. **2008 – 2010** University of Nairobi Research grant KSh. 250,000

XIII. Research interests

I have research interest in the areas of dental restorative materials in children and dental developmental defects. I am in discussion with colleagues at Muhimbiri University of Health sciences, Tanzania on collaborative research on dental caries.

XIV. Current research

Research proposal on “ART versus Hall’s treatment approaches – a randomized controlled clinical trial for management of dental caries in a Kenyan child-population (Ethical approval reference – P487/12/2011).

XV. Conferences/Workshops/Seminars/Symposiums attended/Presented

Attended

1.	2014 (Nov 11 -12)	Commission for University Education - External Peer Reviewers’ Training	School of Monetary Studies, Nairobi, Kenya
1.	2014 (Mar 9 – 14)	Senior Dental Leadership programme (SDL-8) Organized by Global Child Dental Fund, Harvard School of Dental Medicine & King’s College London Dental Institute	London, united Kingdom
2.	2011 (Jul 28 – 29):	Electronic Healthcare and Telemedicine Workshop (1 st Regional workshop on e-Health and telemedicine)	Nairobi, Kenya
3.	2010 (May 10 – 14):	Health Communication (short course, Nakuru, Kenya	Nakuru, Kenya
4.	2014 (May 29 – 31)	University of Nairobi Senate Retreat. Theme: University Funding, Creating Capacity and Synergies for Higher performance.	Naivasha, Kenya
5.	2014 (Feb 9 – 11)	Attended the 11 th PG Convention of Indian Society of Pedodontics and preventive Dentistry.	PGIER, Chandigarh, India
6.	2014 (Feb 22)	Trainers of Trainers (TOT) Workshop on e-publishing.	KMA Plaza, Nairobi, Kenya
7.	2013 (Nov 20)	The KNH-UON Ethics and Research Conduct Sensitization Workshop for Senior managers, Deans, Directors, Chairmen of departments, UoN Biosafety Committee and Research Development advisory Board members.	UoN, Nairobi, Kenya
8.	2013 (Aug 24)	Attended, East African Regional Symposium:	Milele Hotel,

		Theme “Paediatric Oral Health – East African perspective”	Nairobi, Kenya
9.	2013 (Aug 22)	Attended, COHO workshop with theme “Paediatric Oral Health”	Milele Hotel, Nairobi, Kenya
10.	2012 (Dec 26 -28):	PhD Supervision Training Workshop	Nairobi, Kenya
11.	2012 (Feb 14):	KDA/AOG Workshop	Nairobi, Kenya
12.	2012 (March 26- 27):	PRIME-Kenya Workshop, CHS, KNH	Nairobi, Kenya
13.	2011 (Sept 5– 8):	Training of Trainers in innovative teaching methodologies, by PACE, at College of health Sciences, Univ of Nairobi.	Nairobi, Kenya
14.	2009 (25 September):	Attended a meeting that formed the regional Task Force for East Africa on Global Dental Child Health (Dar es Salaam	Dar es Salaam, Tanzania
15.	2009 (Jan 26 -28)	Training in Pedagogy	University of Nairobi
16.	2006 (Nov):	Attended course on Biostatistics and research in Paediatric Dentistry, University of Amsterdam	Amsterdam, Netherlands
17.	2003 (Nov 15-17)	Silver Jubilee Conference for ISPPD	Mumbai, India
18.	2002 (Sept):	Non-Certificate course in child management in dental practice, Brussels.	Brussels, Belgium
19.	1996 (Sept):	One month in-house, paediatric dental course, University of Amsterdam, The Netherlands	Amsterdam, Netherlands
20.	1995 (April):	Two-day dental seminar, London, United Kingdom	London, UK
21.	1994 (Sept):	One-month course in clinical Orthodontics, University of Witwatersrand, South Africa.	Johannesburg, South Africa
22.	1993 (Oct 12-14)	Refresher Course in Clinical Dentistry	Nairobi, Kenya
23.	1992:	One-week dental seminar, Johannesburg, South Africa.	Sun city, South Africa
24.	1987 (Aug):	One week dental seminar, Buenos Aeries, Argentina	Buones Aires, Argentina
Attended & Presented			
1.	2014 (Aug 29)	Attended and presented at COHO Workshop – Theme: Promoting a caries-free environment for children in Kenya.	Nairobi, Kenya
2.	2014 (Mar 9 – 14)	Attended and presented at Senior Dental Leadership Conference. Topic: Paediatric dental practice in Kenya – an opportunity to serve	London, UK

3.	2014 (Feb 12)	Guest speaker at Maharishi Markandeshwar University, Mullana. Topic: Dental caries	Mullana, India
4.	2014 (Feb 9 – 11)	Guest speaker at the 11 th PG Convention of Indian Society of Pedodontics and preventive Dentistry. Topic: “FRICTION” (Fill – Refill in children's teeth indicated or not) controversy: Are there research answers?	PGIER, Chandigarh, India
5.	2013 (Aug 30)	Keynote speaker at 49 th KEMRI Annual Scientific & Health (KASH) conference. Topic: “Managing early childhood caries – new horizons and challenges”	KEMRI, Nairobi, Kenya
6.	2012 (Nov 30):	Presided over launch of Kenya Association of Paediatric dentists	Nairobi, Kenya
7.	2012 (Oct 11 th – 13 th):	Presenter at the KDA Annual scientific conference at Sarova Panafric, ‘ART –alternative technique for treatment of dental caries’	Nairobi, Kenya
8.	2011 (June 15 -17):	Kemoli AM. Effects of oral hygiene, residual caries and cervical marginal gaps on 2-year survival of proximal ART restorations. 1 st International Scientific Conference at University of Nairobi, CHS (Oral presentation).	Nairobi, Kenya
9.	2011 (May 19 – 20):	Kemoli AM. The art of ART – a 2-year clinical trial for proximal dental restorations. 3 rd Annual ITROMID Scientific Conference on Health research for sustainable development, JKUAT, Kenya. (Oral presentation).	Juja, Kenya
10.	2009 (June (17- 20):	Kemoli AM & van Amerongen WE. Influence of operator/assistant on survival rate of proximal ART restorations. 22nd International Association of Paediatric Dentistry Conference, Munich, Germany. (Oral presentation).	Munich, Germany
11.	2009 (Aug 23 – 27):	Visser NL, Boon CPJM, Amerongen WE, Kemoli AM. Effects of an ART restoration on dentine	Munich, Germany
12.	2009 (Aug 23 – 27):	Mwalili SM, Andika V, Kemoli A. The influence of the operator and assistant experience on the survival of proximal ART restorations: A Kaplan-Meier survival analysis (oral presentation), 30 th annual Conference, International Society of Clinical Biostatistics.	Prague, Czech Republic
13.	2008 (July 2-5):	Kemoli AM & van Amerongen WE. Isolation	Toronto,

		Method & the survival of proximal ART restorations. IADR General Session, Toronto. (Poster presentation)	Canada
14.	2008 (Jun)	van Amerongen WE, Kemoli A. ART class II restorations and the influence of the size of the preparation.	Zagreb, Croatia
15.	2007 (Aug):	Kemoli AM. Dental anxiety and fear in children. Kenya Dental Association seminar, Karen Hospital, Nairobi, (Speaker).	Nairobi, Kenya
16.	2003:	Kemoli AM. The Effects of chewing sticks in prevention of dental caries. Indian Society of Paediatric and Preventive dentistry conference, Mumbai, India. (Keynote speaker).	Mumbai, India
17.	2001 Feb:	Facilitator of ART Master- class ART Course	KMTC, Nairobi.
18.	1999 (Jul):	Kemoli AM. Nairobi Street children and drugs. The Children of the Millennium Conference, Organized by Schreeuw om Leven and International Right to Life Federation. (Keynote speaker).	The Hague, Netherlands
19.	1985 :	Woelk BG, Moyo IM, Kemoli AM, Katsumbe TM, Chisvo D. KAP study involving also a simple dental examination of oral hygiene in Harare. Zimbabwe Scientific Symposium, Harare, Zimbabwe. (Oral presentation).	Harare, Zimbabwe

XVI. Chairing/facilitator of Scientific Workshops/Symposium/conferences

1. **2014** (Aug 29) Co-Chaired With Prof. Raman Bedi of Global Child Dental Fund, and organized Community Oral Health Officers (COHO) Workshop under the auspices of Kenya Association of Paediatric Dentists. The theme was: Promoting a caries-free environment for children in Kenya. Nairobi, Kenya
2. **2014** (Feb 9 –11) Chaired A scientific session: 11th PG Convention of Indian Society of Pedodontics and preventive Dentistry Chandigarh, India
3. **2013** (Aug 24) Chaired the Organizing Committee: Facilitator and Convener, East African Regional Symposium: Theme “Paediatric Oral Health – East African perspective” Milele Hotel, Nairobi, Kenya

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| 4. | 2013 (Aug 22) | Chaired and Facilitated: COHO workshop with theme “Paediatric Oral Health” | Milele Hotel,
Nairobi,
Kenya |
| 5. | 2001 (Feb) | Facilitator – ART Master Class Course (ART) | KMTC,
Nairobi,
Kenya |

XVII. Fundraising

As Chairman of Kenya Association of Paediatric Dentists (KAPD) I have facilitated partnership with Global Child Health Fund (GCHF) & Colgate Palmolive company for building capacity in the area of oral health for children in Kenya. An MOU was signed between The association and the two partners allowing for a sum of \$10,000 annually for three years towards this goal.

XVIII. Publications

Thesis

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| 1. | 2011 | Kemoli AM. Factor analysis in relation to survival rate of proximal ART restorations in primary molars. Ridderprint BV, Ridderkerk, Netherlands. 2011 | Supervisors: Prof. Cor & Prof. van Amerongen |
| 2. | 2001 | Kemoli AM. Traditional chewing sticks, their efficacy and anti-cariogenic effects. University of Amsterdam, MSc Thesis, 2001. | Supervisor: Prof. van Amerongen |

Contribution of Chapters to academic books

3. Damle SG. Text Book of Paediatric Dentistry, Arya (Med) Publishing House, 4th Edition, New Dehli, 2012, (Contribution to of chapter 28).
4. Tandon S. Textbook of Paedodontics. Second Ed., June 2008) Contribution to (chapter 16, by Prof.
5. Damle SG. Text Book of Paediatric Dentistry, Arya (Med) Publishing House, 3rd Edition, New Dehli, 2006, (Contribution to of chapters 4, 5 and 24).

Scientific Books (monographs)

6. **Kemoli A.** Developmental Defects of Enamel. LAP Lambert Academic Publishing GmbH & Co, Saarbrucken, November 14, 2011. **ISBN-10:** 3846543500 and **ISBN-13:** 978-3846543504
7. **Kemoli A.** Survival rate of proximal ART restorations. LAP Lambert Academic Publishing

GmbH & Co, Saarbrucken, Germany, Oct 5, 2011. **ISBN-10:** 3846522341 and **ISBN-13:** 978-3846522349

Journal publications – Peer review articles

2014

8. **Kemoli AM.** Is HIV a risk factor to development of caries and molar incisor hypomineralization in children? Two case reports and literature review. Accepted for publication: Journal of Interdisciplinary Medicine and Dental Science
9. **Kemoli AM, Mavindu M.** Child Abuse: A classic case report with literature review. Contemp Clin Dent 2014; 5(2): 76-79
10. **Kemoli AM.** The effects of ambient temperature and mixing time of glass ionomer cement material on the survival rate of proximal ART restorations in primary molars. Contemp Clin Dent 2014; 5(1): 31-6.

2013

11. **Kemoli AM.** Global disparity in childhood dental caries: is there a remedy? East Afr Med J, 2013; 90(1): 1-6.

2012

12. **Kemoli AM.** Dilemma of managing multi-surface dental caries in the primary dentition using the atraumatic restorative treatment: renaissance or dimming hope. East Afr Med J, 2012, 89 (7): 224 - 229.

2011

13. Ober-Oluoch JA, **Kemoli A**, Masiga M, Dimba E, Dental Caries and Periodontal health of Children with Cerebral Palsy; Nairobi, Kenya. JKDA Vol 2 No 1 2011
14. Ober-Oluoch JA, **Kemoli A**, Masiga M, Dimba E, Utilization of oral health services by Children with Cerebral Palsy at two centers in Nairobi, Kenya. JKDA Vol 2 No 2 2011
15. **Kemoli AM**, van Amerongen WE. Effects of oral hygiene, residual caries and cervical marginal-gaps on the survival of proximal atraumatic restorative treatment approach restorations. Contemporary Clin Dent, 2011 (Oct-Dec); 2(4): 318 – 323.
16. **Kemoli AM**, Opinya GN, van Amerongen WE, Mwalili S. Two-year survival rates of proximal atraumatic restoration treatment restorations in relation to glass ionomer cement and post restoration meals consumed. J Paediatr Dent, 2011; 33(3): 546 – 551
17. **Kemoli AM**, van Amerongen WE. The dilemma of selecting suitable proximal carious lesions in primary molars for restoration using the atraumatic restorative treatment (ART) approach. Community Dent Health J, 2011 (March); 28(1): 12 – 16.

2010

18. Boon CJPM, Visser NL, **Kemoli AM**, van Amerongen WE. ART class II restoration loss in primary molars: re-restoration or not. Eur Arch Paediatr Dent, 2010; 11(5): 228 - 231.
19. **Kemoli AM**, Opinya GN, van Amerongen WE. Two-year survival of glassionomer sealants placed as part of proximal ART restorations, E Afr Med J, Sep 2010; 87 (9): 375 –

381.

20. Njoroge N, **Kemoli A.M.** The prevalence of ECC among 3 to 5 year-olds in Kiambaa division, Kenya. *E Afr Med J*, 2010; 87(3): 134 -137.
21. **Kemoli AM**, van Amerongen WE, Opinya GN. Influence of different isolation methods on the survival of proximal ART restorations in primary molars after two years. *Eur Arch Paediatr Dent*. 2010; 11(3): 132 - 135.

2009

22. Edalia GL, Mua BN, Kisumbi BK, **Kemoli AM**. Oral health knowledge, attitude, practices and caries experience among 10 – 12 year-olds in children's homes, *J Kenya Dent Assoc*, 2009; 1 (3): 84 – 89.
23. **Kemoli AM**, van Amerongen WE, Opinya GN. Influence of the experience of operator and assistant on the survival rate of proximal ART restorations: two-year results. *Eur Arch Paediatr Dent*, 2009; 10(4): 243 -248.
24. **Kemoli AM**, van Amerongen WE. Influence of the cavity-size on the survival rate of proximal ART restorations in primary molars. *Inter J Paediatr Dent*, 2009; 19: 423 – 430
25. Wagaiyu EG, Ng'ang'a RN, **Kemoli AM**. Hereditary gingival fibromatosis: report of family case series. *EAMJ*, 2009 (October); 66(10): 491 – 493.

2008

26. **Kemoli AM**. Prevalence of Molar Incisor Hypomineralization in six to eight year-olds in two rural divisions in Kenya. *E. Afr Med J* 2008; 85 (10): 514 –519.

2007

27. Rwakatema DS, Ng'ang'a PM, **Kemoli AM**. Orthodontic treatment needs amongst 12-15 year-olds in Moshi, Tanzania. *E Afr Med J* 2007; 84:226-232.5

2006

28. Rwakatema DS, Ng'ang'a PM, **Kemoli AM**. Prevalence of malocclusion amongst 12-15 year-olds in Moshi, Tanzania, uses Bjök's criteria. *E Afr Med J* 2006; 83:372-379.
29. Rwakatema DS, Ng'ang'a PM, **Kemoli AM**. Awareness and concerns about malocclusion amongst 12-15 year-old children in Moshi, Tanzania. *E Afr Med J* 2006; 83:92-97.

2001

30. **Kemoli AM**, Amerongen van WE, de Soet JJ. Antimicrobial and buffer capacity of crude extracts of chewing sticks (Mswaki) from Kenya. *J Dent Child* 2001; 68(1): 183-188.

XIX. Abstracts from presentations at conferences

2014

31. **Kemoli AM**. "FRICTION" (Fill – Refill in children's teeth indicated or not) controversy: Are there research answers? Presentation at Indian Postgraduate Convention at PGI, Chandigarh, India on February 9 – 11, 2014.

2011

32. **Kemoli AM**. First International Science Conference, CHS, Kenya. 2011 June 15-17. (Oral

Presentation).

33. **Kemoli AM.** The art of ART – a two-year clinical trial for proximal dental restorations. 3rd Annual ITROMID Scientific Conference, JKUAT, 2011 May 19-20. (Oral presentation).

2009

34. **Kemoli AM,** van Amerongen WE. Influence of operator/assistant experiences of survival rate of proximal ART restorations. *Inter J Peadiatr Dent*, 2009; 19 (1): 9 (Abstract No. 004-25).
35. Mwalili SM, Andika V, **Kemoli A.** The influence of the operator and assistant experience on the survival of proximal ART restorations: A Kaplan-Meier survival analysis. Abstract S24.2 presented at 30 Annual Conference of the International Society for Clinical Biostatistics (23 - 27 Aug 2009), Univ of Economics, Prague, Czech Republic
36. Visser NL, Boon CPJM, Amerongen WE, **Kemoli AM.** Effects of an ART restoration on dentine. 22nd congress of IAPD, June 17 – 20, 2009, Munich, Germany.

2008

37. van Amerongen WE, **Kemoli A.** ART class II restorations and the influence of the size of the preparation. Abstract P21, Conference of European Academy of Peadiatric Dentistry (EAPD), Univ of Zagreb, Croatia, 2008.
38. **Kemoli AM,** van Amerongen WE. Isolation method and the survival of proximal ART restorations. *J Dent Res*, 2008; 87 Issue 8(Abstract 2488).

XX. Manuscript submitted for consideration

1. Opondo IA, **Kemoli AM,** Ngesa JL, Gathece L. Effects of dental caries on oral health-related quality of life of Kenyan urban slum children. Submitted to BMC Public Health
2. **Kemoli AM.** Destructive herbal treatment of dental fluorosis. *Journal of Indian Society of Pedodontics and Preventive Dentistry*
3. **Kemoli AM.** ART, an alternative approach to the treatment of dental caries. Chapter in *Textbook of Paediatric dentistry.*
4. **Kemoli AM.** Atraumatic restorative treatment (ART) Approach: the Kenyan perceptive. Chapter, (For Prof Macigo proposed Dental Public Health Book)

XXI. Editorial Boards - Member of the following Editorial Boards

1. Journal of International Society of Preventive and Community Dentistry (JISPCD)
2. Editor – *Edorium Journal of Dentistry*
3. *Journal of Paediatric Biochemistry, Turkey*
4. *Journal of Contemporary Clinical dentistry, Published in India*
5. Associate Editor, *International Online Journal of Paediatric Dentistry*

XXII. Journal Manuscripts Reviewer for the following Journals

1. East African Medical Journal
2. European Archives of Paediatric Dentistry Journal
3. Kenya Dental Journal
4. Journal of Head and Face medicine
5. Saudi Medical Journal
6. Journal of International Society of Preventive and Community Dentistry
7. International Journal of Paediatric Dentistry
8. Annals of Tropical Medicine and Public Health
9. Advances in Medical Sciences, Scribes guild Journals
10. Journal of Cranio-Maxillary Diseases
11. BMC Oral Health Journal

XXIII. Member of the following professional organizations:

Current Membership

1. International Association of Paediatric dentist.
2. Kenya Association of Paediatric Dentists.
3. International Association of Dental Research.
4. Kenya Dental Association.
5. Kenya Medical Association

Past membership

1. Zimbabwe Dental Association.
2. Rotary club Nairobi Central.
3. Kenya Red Cross, Nairobi Branch, Vice-chairman of and chairman of its Health Committee
4. Dutch Dental Association
5. **Convener:** Kenya Association of Paediatric Dentistry (KAPD in-formation)

XXIV. Professional registration - Registered by following Dental Board:

1. Medical Practitioners and Dentist Board, Kenya.
2. Health Professions Council of Zimbabwe.
3. BIG-register, The Netherlands
4. Health Professions Council of Namibia

XXV. Social responsibilities

- 2012** (May) **to date** Chairman, Kenya Association of Paediatric Dentists
2012 (Feb) **2014** (April) Chairman, NHCKPM company
2005 (Jan) **to date** Chairman, MiSeDhealth Foundation
2005 (Jan)-**2007** (Dec) Member, Board of Governors, Busali Union Secondary School
1993 (Jan)-**2000** (Dec) Patron, Lusala Primary School, Vihiga, Kenya
1992 (Apr) – **to date** Member, United Kenya Club, Nairobi

XXVI. Referees

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