

CURRICULUM VITAE

DOCTOR E K DANKWA

CURRICULUM VITAE

PERSONAL DATA

Name: DANKWA Essandoh Kweku

Date of Birth: [REDACTED]

Nationality: Canadian, Ghanaian

Marital Status: [REDACTED]

Current Post: Pathologist (Director)

Others: Associate Vice President, Medical Services

Medical Examiner

Address : Charles S Curtis Memorial Hospital
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POSTGRADUATE QUALIFICATIONS AND LICENSING

Physician Manager Institute, (Levels I, II, III, IV) 2000
 LMCC No [REDACTED] (Canada 1998)
 FRCP (Canada 1997)
 MCCEE No [REDACTED] (Canada 1995)
 ECFMG Cert No: [REDACTED] Perm 1993
 FRCPPath 1997, MRCPPath (London 1988)
 Diploma RCPPath (Medical Microbiology & Histopathology) (London 1986)
 USLME Steps I, II, III completed [all at first attempt]
 FWACP (West African College of Physicians, Primary) 1981
 MB ChB University of Ghana 1980

Medical Registration: Newfoundland & Labrador [REDACTED] (1999)
 British General Medical Council
 Registration No: [REDACTED] (Full 1987)

Ghana Medical and Dental Council
 Registration No: [REDACTED] (1981)

EDUCATION

School

Adisadel College, Cape Coast, Ghana. 1972-1974

Adisadel College, Cape Coast. Ghana, 1967-1972

GCE O levels - 9 subjects with Distinction

GCE A levels - in Special Mathematics, Additional Mathematics, Physics, Chemistry, Biology and General Paper

Medical School

University of Ottawa, Elective Period in Surgery, East Ontario Children's Hospital, Ottawa, Canada, July - August 1979.

University of Ghana Medical School, Accra, Ghana. 1974-1980

PROFESSIONAL MEMBERSHIP

The College of Family Physicians of Canada (2000)

Canadian Association of Pathologists (2000)

The Royal College of Physicians and Surgeons of Canada (1997)

Newfoundland and Labrador Medical Association (1995)

Canadian Medical Association (1995)

Royal College of Pathologists (1988)

British Society for Clinical Cytology (1987)

Connective Tissue Association (1987)

British Medical Association (1986)

International Academy of Pathologists (1986)

Pathological Society of Great Britain and Ireland (1985)

Bristol Medico-Chirurgical Group (1985)

Association of Clinical Pathologists (1985)

Ghana Medical Association (1980)

Others

Member of United Nations Association

Member of Literary Guild, Great Britain

Member of Wild Life Society, UK

APPOINTMENTS

Current:

Assistant Professor Laboratory Medicine- Memorial University
Consultant Pathologist
Labrador-Grenfell Health Services
April 1995 to date

Associate Vice President, Medical Services
Labrador-Grenfell Health Services
April 2005 to date
Assistant Executive Director, GRHS
October 1999 to March 2005

Medical Examiner
Labrador-Grenfell Health Services
August 1999 to date

Internal:

Coordinator, Medical Student and House Staff
Grenfell Regional Health Services
April 1997

Director, Continuing Medical Education
Grenfell Regional Health Services
April 1996

Previous:

Dec 87 - Jan 90

Registrar (Anatomic Pathology)
University Department of Pathology
Bristol Royal Infirmary

May 86 - Nov 87

Rotating as Honorary Senior Registrar in
Histopathology

May 86 - Jul 86 : Bristol Maternity Hospital

Aug 86 - Feb 87 : Bristol Children's Hospital

Mar 87 - May 87 : Frenchay Hospital
Locum Senior Registrar in Neuropathology

Jun 87 - Jul 87 : Southmead Hospital (Renal

Pathology and Cytology)

Aug 87 : Bristol Royal Infirmary (Bone Tumour Registry) and Bristol Maternity Hospital (Cytology Department)

Sep 87 - Nov 87 : Frenchay Hospital, Pathology Department (General and Pulmonary Pathology)

Apr 84 - Apr 86	Tutor and Honorary Registrar in Histopathology, University Department of Pathology Bristol Royal Infirmary, UK
Aug 83 - Mar 84	Resident in Histopathology Korle-Bu Teaching Hospital Accra, Ghana
Nov 82 - Jul 83	Rotating Resident in Clinical Pathology Korle-Bu Teaching Hospital Accra, Ghana
	Nov 82 - Jan 83: Chemical Pathology
	Feb 83 - Apr 83: Microbiology
	May 83 - Jul 83: Haematology
Sep 81 - Oct 82	Resident in Histopathology (Anatomic Pathology) Korle-Bu Teaching Hospital Accra, Ghana
Mar 81 - Aug 81	House Surgeon, Obstetrics and Gynecology Korle-Bu Teaching Hospital Accra, Ghana
Sep 80 - Feb 81	House Physician in Paediatrics Korle-Bu Teaching Hospital Accra, Ghana
Other:	
Nov 86 - Dec 86	Visiting Lecturer
Dec 89 - Jan 90	University of Ghana Medical School Accra, Ghana

Locums:

Sep 89	Consultant Histopathologist, Locum Royal Victoria Hospital Bournemouth
Jul 89	Consultant Histopathologist, Locum Queen Elizabeth II Hospital Welwyn Garden City
Jun 88	Consultant Histopathologist, Locum Weston General Hospital Weston-Super-Mare

EXPERIENCE IN CLINICAL AND ANATOMIC PATHOLOGY

Bristol Royal Infirmary - (1984-1986, 1987-1990)

< The University Department of Pathology at the Bristol Royal Infirmary, is the main Histopathology [Anatomic Pathology] division of the Bristol Medical School. The team consisted of a Professor, four Consultant Senior Lecturers, two Senior Registrars, one Registrar, two demonstrators and one rotating Senior House Officer.

I worked with Dr Jack Davies and Professor J W B Bradfield. The department handles approximately 9,000 surgical biopsies and 500 hospital and coroners autopsies annually. In addition, we taught medical students and carried out research projects. I performed approximately 300 hospital and coroner's autopsies in Bristol.

Each trainee Pathologist took turn on a daily basis to handle surgical biopsies or autopsies. My responsibilities included:

Surgical Pathology:-

< Cut up and reporting surgical biopsies and frozen sections under the supervision of the Consultant on duty. Electron microscopy and facilities for immuno-histochemistry were employed when indicated.

< In depth experience was acquired in reporting slides, especially on endoscopic gastro-intestinal specimens, liver and skin biopsies. Initially, reporting was under supervision but, with time, needed assistance with less than 5% of the cases.

Morbid Anatomy:-

- < Performing autopsies and demonstrating autopsy findings to medical students and clinicians.

Clinico-pathological Conferences and Seminars:

- < Participated in organizing and presentation of topics on a regular basis.

Surgical Pathology Meetings:-

- < Presenting cases and, at times, chairing the meetings.
- < I also spent time training for the Diploma of the Royal College of Pathologists in the following departments:
- < **University of Bristol, Medical Microbiology Department**
under the Chairmanship of Professor D C E Speller and Dr D W Warnock
- < Public Health Department, Bristol

Frenchay Hospital, Bristol (Sep-Nov 87) Pathologists: Dr. J.C. Briggs and Dr. N.B.N. Ibrahim

This is a busy District Hospital with sixteen thousand surgical biopsy specimens annually. It also handles nine thousand non-gyneacologic cytology specimens. The Pathologists have special interest in melanoma, plastic surgery and pulmonary diseases. Experience was gained in the handling and diagnoses of melanocytic lesions and pulmonary tumours as well as general pathology cases.

Bristol Children's Hospital (Aug 86 - Feb 87) Chairman: Professor P.J. Berry

The pathology department is run by a Paediatric Pathologist with special interest in Neonatal and Fetal pathology as well as childhood tumours. 'Cot deaths' and congenital malformations were of particular interest. Two thousand five hundred surgical biopsies were reported annually. During my rotation in this department, I reported a number of childhood tumours and lesions and carried out investigations on diagnostically difficult tumours such as "round cell" tumours which were relatively common in the area.

Bone Tumour Registry (Aug 87) Pathologist: Dr. N.G. Sanerkin

The bulk of the experience was in the handling of orthopaedic biopsy material and reporting histology sections. Autopsies on orthopaedic patients and patients who had died of trauma formed a significant component of the workload.

Southmead Hospital (Jun-Jul 87) Pathologist: Dr. A.G. MacIver
Cytopathologist: Dr Elizabeth MacKenzie

- < The main **renal unit** in Bristol and the regional cytology centre are based in this hospital. Approximately 1,000 renal biopsies are received annually. Whilst at this hospital, I reported and discussed renal biopsies with the pathologist in charge. I acquired experience in handling renal biopsies; the interpretation of light microscopic features together with immunofluorescence, immunoperoxidase and electron microscopic findings.
- < Regional **cytology unit** for both gynaecological and non-gynaecological specimens. I participated in the reporting of those cases.

Neuropathology, Frenchay (Mar- May 87) Pathologist: Dr. T. Moss

The experience here included autopsies on neurological patients with removal and examination of brain, spinal column, specified nerves and muscles. Brain cuts, handling of muscle biopsies, brain biopsies and brain tumour smears were part of the services provided.

Bristol Maternity Hospital (May-Jul 86) Pathologist: Dr. J.C. Cornes

Responsibilities were similar to those at the Bristol Royal Infirmary but with emphasis on gynaecologic pathology. In addition, there was cytology of both gynaecological and non-gynaecological cases. Six thousand gynaecological specimens are received in this hospital yearly. I also participated in the cytology reporting.

Locum Consultant Histopathologist (June 88, Jul and Sep 89)

At the Royal Victoria, Bournemouth and Queen Elizabeth II Hospital Welwyn Garden City, I shared responsibility in reporting surgical biopsies, cytology and performing autopsies with a resident consultant pathologist. At the Western General Hospital, I worked alone and, in addition, there was a small teaching workload.

Korle-Bu Teaching Hospital, Accra (1981-1984)

This is the main teaching hospital in Ghana. It has 1,500 beds and offers medical services to patients from Greater Accra area with a population of about two million. It also serves as the main referral centre for the whole of Ghana.

- < The department of **Histopathology** [Anatomic Pathology] has an autopsy rate of 2,500-3,000 per annum and surgical biopsies of 9,500-12,000 per annum.

Two of us Residents worked with Professor E C Christian (Chairman) and two Consultant Senior Lecturers who supervised our work. Our duties included:

- < Surgical Pathology:-
 - < Cut-up of biopsy specimens
 - < Reporting and signing off cases with Pathologist on duty
 - < Electron microscopy when required
 - < Cases ranged from infectious and parasitic diseases to malignancies and degenerative diseases.
- < Morbid Anatomy:-
 - < Performing autopsies on both hospital and coroner's cases. Coroner's autopsies constituted about 75% of the workload. In all I performed over 1,500 autopsies.
 - < Demonstrated autopsy findings and techniques to medical undergraduate and postgraduate students.
- < Clinico-pathological conferences:-
 - < Involved with the organizing and presentation

Rotation in Clinical Pathology:

- < **Chemical Pathology** (Chairman: Professor Swaniker)
 - < Seminars on general principles of instrumentation and basic techniques employed in Chemical Pathology.
 - < Collection and handling of specimens.

- < Spectrophotometric analysis of body fluids.
- < Monitoring of laboratory accuracy using quality control methods.
- < Signing out reports.

< **Medical Microbiology** (Chairman: Professor Afoakwa)

- < Sterilisation and tutorials on principles of sterilisation.
- < Preparation of culture media.
- < Handling of body fluids.
- < Isolation and identification of bacteria, parasites and viruses.
- < Electron microscopy:
 - Tissue preparation
 - Fixation
 - Sectioning
 - Staining
 - Examination and photographing of sections
 - Development of exposed films

< **Haematology** (Chairman: Professor A.A. Bruce-Tagoe)

- < Bone marrow aspiration.
- < Preparation and staining of blood films and bone marrow slides.
- < The principles of operation and use of the Coulter Counter.
- < Reporting peripheral blood films and bone marrow slides.
- < Signing out haemoglobin electrophoretic strips.
- < Management of patients on the wards with haematological problems, and administration of cytotoxic drugs.
- < Running of Haematology and Sickle Cell out-patient clinics.

MORBID ANATOMY

In all, I have performed over 2,500 autopsies, 75% of which were coroners (medico-legal) autopsies.

Hospital Autopsies

Most of my hospital autopsies were routine cases but my rotation through the various hospitals exposed me to specialised investigations and techniques. I acquired training and experience in investigating neurological, paediatric, cardiac and pulmonary cases. Also, I acquired techniques and skills for examining foetuses and 'cot' deaths. I performed approximately 50 paediatric autopsies in Bristol.

Coroners (Medico-legal) Autopsies

The majority of coroners (medico-legal) autopsies were non-suspicious deaths. However, I had the opportunity of investigating post-operative deaths and deaths in suspicious circumstances, murders and manslaughters. I have had to give evidence in High Court on three murder cases.

CYTOLOGY

Southmead Hospital handles 54,000 cytology smears annually, 50,000 of which are gynaecological and 4,000 non-gynaecological. Bristol Maternity Hospital handles 7,000 cytology smears annually, 4,500 of which are gynaecological and 2,500 non-gynaecological. Both these hospitals have two consultant cytologists each.

I worked in both these hospitals in the cytology departments. Initially, I screened under supervision, then checked screened work under supervision and finally reported cytology smears on my own. At the end of my attachment, I discussed less than one in twenty of the screened cases with consultant cytologists and signed out the remainder.

LOCUM CONSULTANT HISTOPATHOLOGIST (June 1988, July and September 1989)

At the Royal Victoria, Bournemouth and Queen Elizabeth II Hospital, Welwyn Garden City, I shared responsibility in reporting surgical biopsies, cytology and performing autopsies with resident consultant pathologists. At the Western General Hospital I worked alone and, in addition, there was a small teaching workload.

TEACHING EXPERIENCE

Undergraduates

Grenfell Regional Health Services, St. Anthony, NF

- < Usually small group of medical students on electives or rotating residents from Memorial University, St John's.
- < Regular pathology sessions, twice a week, on interesting cases of the week and another on systematic pathology.

University of Bristol, Department of Pathology

- < Taught whole group (25-100 students) lectures/tutorials and small group (5-25 students) tutorials.
- < Topics included the female genital tract, liver, kidneys, lungs, lymphoreticular system and clotting mechanisms. Small-group tutorials were usually centered around specimen pots.
- < Supervised students' projects and presentations on various subjects in Pathology, e.g. Monoclonal Antibodies in Pathology, Burkitt's tumour, Estimation of Time of Death and Injuries in Road Traffic Accidents.

Dental students

- < Mainly whole group (about 100 students) lectures.
- < Topics included wound healing and atherosclerosis.

Korle-Bu Teaching Hospital

- < Taught postgraduates in medicine, medical students and nurses.
- < Lecture format was for whole group (50 students) or small group tutorials (5-8 students). Museum specimen pots may be used.
- < Topics included cell death, inflammation, wound healing, immunology and systemic pathology.
- < In this hospital, every medical student had to have performed six autopsies before being signed on to take the final MB examinations. Whilst at this centre, I taught and supervised students in postmortem examinations.

Postgraduates

Grenfell Regional Health Services, St. Anthony, NF

- < Active participation in CME activities with delivery of lectures and teaching sessions to medical staff and students.
- < Topics included death certification, central nervous system tumours and pathology of sudden deaths and their aetiologies, pulmonary tumours and biology of tumours, etc.
- < Regular tutorial/teaching sessions with medical students on interaction with or attachment to the pathology department.
- < Regular sessions twice a week on interesting cases of the week and systematic pathology.

University of Bristol, Department of Pathology

- < Participation in a regular Journal Club. This was a mini-teaching session in which each participant presented and discussed information on frontiers of knowledge.
- < Training of trainee pathologists in the technique and interpretation of postmortem findings, cut-up, microscope slide reporting and in the running of surgical meetings.

MSc Students (Dental)

- < Whole group lectures and small group tutorials.
- < Topics included radiation damage, inflammation and wound healing.

Veterinary and BSc Students

- < Whole group demonstration and teaching sessions on inflammation and wound healing in man and animal.

Clinical Colleagues

- < Mainly through surgical/clinical meetings for general surgeons, ENT surgeons, physicians and dermatologists.

- < Topics varied and depended on cases seen.
- < Pathology teaching sessions with trainee surgeons and physicians preparing for their membership/board examinations.

Korle-Bu Teaching Hospital

- < Mainly small group tutorials.
- < Usually on topical issues such as Acquired Immunodeficiency Syndrome, Legionnaires Disease, molecular biology and developments in immunology.
- < Techniques in performing postmortems and interpretation of postmortem findings were also taught.
- < In all lectures and tutorials, teaching aids such as slides, overhead projections and specimen pots were used as much as possible together with printed handouts.

RESEARCH

Undergraduate

University of Ghana Medical School

- < Epidemiology of Oncocerciasis: Case finding and treatment complications
- < Epidemiology of Cerebrospinal Meningitis, incidence and disease complication
- < Leprosy: Endemicity and response to chemotherapy.
- < Yaws: A disease on the increase. This project was later presented as my MB ChB thesis and was also presented at the Annual National Medico-Pharmaceutical Meeting at Accra in 1980.

Postgraduate

Korle-Bu Teaching Hospital

- < Pancreatic cancer in the Ghanaian population: A retrospective and prospective study of autopsy material over a ten year period. The findings from the study were published in the Ghana Medical Journal.
- < Schistosomiasis: Prevalence in surgical biopsy material.

- < Public Health (Preventive Medicine): Kwame Annum a village of 500 people: A study on changing peoples beliefs and behaviour on health issues.
- < Oncocerciasis: Case finding and control. Bawku General Hospital, Bawku, Ghana (Mar and Aug 80).
- < Cerebrovascular accidents (CVA) in Ghanaians: Study of underlying pathological causes. Department of Pathology, Korle-Bu Teaching Hospital, Accra, Ghana. (Nov 81 - Apr 83).
- < Glucose Tolerance Curves: Standardisation in Healthy Adult Ghanaian population using 50g, 75g, and 100g, oral loading dose of Glucose. (Nov 92).
- < Gastro-enteritis in Children in Accra. A search for enteropathogenic organisms. (Feb 83 - Apr 83).
- < Prevalence of iron deficiency anaemia in patients at the Korle-Bu Teaching Hospital. (Jun 83-84).

Bristol University Department of Pathology

- < Frozen section diagnosis. A review of material over a ten year period critically examining the contributory causes of diagnostic errors. The outcome of this work was published in the Journal of Clinical Pathology.
- < An artefact of smooth muscle that mimics leiomyoma in rectal biopsies was studied. It was done in collaboration with endoscopists at the Bristol Royal Infirmary. It led to the reproduction of the artefacts in resected large bowel specimens and the findings were published.
- < MC3 in pancreatic tissues and C466 in colonic tumours: These were new monoclonal antibodies (MoAb) and were evaluated using peroxidase anti-peroxidase method and light microscopic examination.
- < Viral cytopathic effects: Studies on tissue culture changes in various epithelia.
- < "Magic Bullet" project: There was an attempt at producing human monoclonal antibodies against brain and ovarian tumours. Lymphocytes in the peripheral blood of patients with the tumours were separated and then transformed using EB Virus. The immortalised cells were screened for antibody production and then matched for specificity against tumour antigens.

Grenfell Regional Health Services, St. Anthony

- < Clinical research: Reviewing and pursuing a prospective study on lymphomas and gallbladder disease in this region.
- < Collaborating with the study of a potential link, if any, of Chlamydia pneumoniae, Type II diabetes and ischemic heart disease.
- < Evaluating the possibility of hereditary hemochromatosis on the Northern Peninsula.

Current Interest

Lymphomas within the Grenfell Regional Health Services region of Northern Newfoundland and Labrador

Gallbladder disease within the Grenfell Regional Health Services of Northern Newfoundland and Labrador

ADMINISTRATION

Grenfell Regional Health Services

- < As an Assistant Executive Director (1999-2005) and subsequently as Associate Vice President, Medical Services since 2005, I have been responsible for development, planning, and delivery of the following services: clinical specialists and family medicine, dental, pharmacy and diagnostic (laboratory, diagnostic imaging, audiology, EEG/ECG). Actively involved with recruiting and retaining of medical staff.
- < As Director of the Laboratory, I oversee the day to day running of the laboratory, ensure the quality of work and service to the hospital and community is maintained and up to standard.
 - < Provide a forum for discussion and chair regular laboratory business meetings.
 - < Actively participate in several management/administrative committees within the hospital.
- < Organize and co-ordinate:
- < medical student electives

<house staff rotations and Memorial University resident's and student's attachment

- < Organize and co-ordinate Continuing Medical Education for the Grenfell Regional Health Services.

Bristol University Department of Pathology

- < Organized Junior Black Box Meetings which involved trainee pathologists in Bristol and neighboring towns including Cardiff, Exeter and Plymouth.
- < Arranged training and teaching sessions with the Neuropathologist in Frenchay Hospital for interested trainee pathologists and pathologists keen on macroscopic and microscopic examination of brains.
- < Actively participated in the organization of and presentation at Clinico-pathological conferences for the Bristol Royal Infirmary.
- < Participated in the arrangement of:
 - < duty rosters for trainee pathologists in the Bristol Royal Infirmary,
 - < weekly pathological meetings for Pathologists in the Bristol area,
 - < Courses such as "Recent Advances in Breast Pathology" at the Jenner Centre, Bristol Royal Infirmary.
- < I played an active role in monthly departmental meetings to discuss the running of the department.

Korle-Bu Teaching Hospital

- < Organized duty rotas for trainee pathologists
- < Planned structured pathology lessons for both medical undergraduates, postgraduates and trainee nurses.
- < Organized intra and inter departmental diagnostic pathology meetings.
- < Organized hospital clinico-pathological conferences.
- < Assumed the role of acting Head of department for a brief period in Histopathology during which period I was responsible for the day to day running of the department.

COURSES

22 - 24 May 98	Physician Manager Institute, Level I Central West Health Board Grand Falls-Windsor, NF
27 - 30 May 99	Physician Manager Institute, Level IV Central West Health Board Grand Falls-Windsor, NF
19 - 21 Nov 99	Physician Manager Institute, Level II Central West Health Board Grand Falls-Windsor, NF
22 - 24 Sept 00	Physician Manager Institute, Level III Central West Health Board Grand Falls-Windsor, NF
Jun 1987	Management Course for Pathologists at Keele University
Sep - Nov 84	Molecular Biology at Bristol University, UK
1985	General Pathology Course for Primary MRCPPath at Southampton
1986	ACP Breast Pathology at Southmead Hospital, Bristol
Nov 86	Neuropathology at Frenchay Hospital, Bristol
2 Feb - 6 Feb 87	Diagnostic Cytology Course at Northwick Park Hospital and Clinical Research Centre, London
Jul 87	Autopsy Course, Royal Infirmary, Sheffield
1987	Hospital Management at Frenchay Hospital, Bristol
14 Sep - 25 Sep 87	Advance Histopathology Course at the Hammersmith, London
Mar 88	Pulmonary Pathology at the Brompton Hospital, London
24 Mar - 25 Mar 88	Postgraduate Course of Obstetrical and Gynaecological Pathology at the University of Manchester

Apr 88	Recent Advances in Pathology at Royal College of Physicians, London
29 Jun - 1 Jul 88	Forensic Pathology at Royal Infirmary at Dundee
1988	Paediatric Neuropathology at Royal College of Pathologists, London
9 May 89	Advances in Breast Pathology at Royal Infirmary, Bristol
10 Apr 91	Pseudo malignancy, St George's Hospital, London
14 May 92	Breast Pathology, Modern Trends, Southmead Hospital, Bristol
28 Sep 92	Breast Fine Needle Aspirate Cytology, Royal Surrey County Hospital, Guildford
6 - 9 Nov 93	Gynaecologic Pathology, AFIP Washington, DC
14 - 25 Feb 94	Anatomic Pathology Course, AFIP Washington, DC
28 Mar - 1 Apr 94	Gynaecologic and Obstetric Pathology Harvard Medical School, Boston, Mass., USA
7 - 12 July 96	Practical Diagnostic Cytology Laval University, Quebec City, Canada
28 - 30 Jan 98	Advanced Cardiac Life Support Grenfell Regional Health Services St. Anthony, NF
23 - 25 Mar 98	Neonatal Resuscitation Grenfell Regional Health Services St. Anthony, NL
5 Oct 00	Renewed Advanced Cardiac Life Support Grenfell Regional Health Services St. Anthony, NL
Sep 00	Medical Examiner Conference Terra Nova, NL

Jun 00	Canadian Association of Pathologist Annual Scientific Meeting Ottawa, Ont
Jul 02	CAD- Evolving Insights McGill, Montreal, Que
Aug 03	Inaugural Scientific Meeting College of Physicians and Surgeons of Ghana Accra, Ghana
Jul 04	American Society of Clinical Pathology Update Montreal, Que
Jul 05	Summer Scientific Meeting The Pathological Society of Great Britain and Ireland Newcastle, UK
Oct 06	Faculty of Medicine Retreat Memorial University Medical School St John's, NL
Apr 07	Annual Scientific Meeting British Surgical Society Manchester, UK
May 07	16 th Scientific Congress International Academy of Cytology Vancouver, BC
May 07	Annual Scientific Meeting Canadian Association of Pathologists St John's, NL
Aug 07	Surgical Week International Association of Surgeons, Montreal, Que

ORAL PRESENTATIONS

Analysis of increasing incidence of Yaws in Ghana: An epidemiological survey. Presented to the Ghana Association Junior Doctors and Pharmacists in Accra (Mar 80).

Errors in Frozen Section Diagnosis: Retrospective audit. Presented to Pathological Society of Great Britain and Ireland 150th Meeting in London (Jan 85).

Recent Advances in Breast Pathology. Contribution of diagnostic problems in frozen sections of breast lesions. Presented to members of the Association of Clinical Pathologists in Southmead (Jan 85).

What limits the reliability of frozen section diagnosis? Poster demonstration to the Congress of World Association of Societies of Pathologists (WASP) in Brighton (Oct 85).

Spurious Smooth Muscle Tumours in Colorectal Biopsies. Presented to the Wessex Branch of Association of Clinical Pathologists in Bristol (Nov 85).

Artefactual Smooth-Muscle "tumours" in rectal biopsies. Presented at the 155th Meeting of the Pathology Society of Great Britain and Ireland in Southampton (Jul 87).

Cationic Impregnation by heavy metal salts of breast tissue enhances soft-tissue mammographic images. Presented at the Wessex Branch of Association of Clinical Pathologists in Bristol (Dec 92).

PUBLICATIONS

DANKWA EK, DAVIES JD. Just how fallible are frozen section diagnoses?
Bristol Medico-Churgical Journal 1985, 100, 57.

DANKWA EK, DAVIES JD. Frozen Section Diagnosis: An Audit.
Journal of Clinical Pathology 1985, 38, 1235-1240.

DANKWA EK, ANIM JT. Carcinoma of the pancreas: a review of autopsy material at the Korle-bu Teaching Hospital for the period of 1972-1981.
Ghana Medical Journal 1988: 22 (2), 17-20.

DANKWA EK, DAVIES JD. Smooth muscle pseudo tumours: a potentially confusing artefact of rectal biopsy.
Journal of Clinical Pathology 1988: 41 (7), 737-741.

WARREN BF, DANKWA EK, DAVIES JD. Diamond shaped glands and pericrypt elastin distribution in prolapsing rectal mucosal syndrome - constant and early features.
Journal of Pathology 1988: 155 (4), 347A.

DANKWA EK, KEY H, WELLS PNT, DAVIES JD. Breast cancer as seen by light transmission. Journal of Pathology 1989: 158, 350A.

DANKWA EK, DAVIES JD. Elastosis in basal cell carcinoma.
Journal of Pathology 1989: 158, 339A.

ROTHNIE N, SU H, ROONEY N, DANKWA EK, NEWCOM P, WOOD C, HABIB N. An immunohistochemical study of a new monoclonal antibody (MoAb), MC3 in pancreatic tissues. The British Journal of Surgical 1989: 76 (12), 1345-1346.

WARREN BF, DANKWA EK, DAVIES JD. Diagnostic aids in solitary rectal ulcer syndrome. West of England Medical Journal 1990: 105 (2), 35.

WARREN BF, DANKWA EK, DAVIES JD. 'Diamond Shaped' crypts and mucosal elastin: Helpful diagnostic features in biopsies of rectal prolapse.
Histopathology 1990: 17 (2), 129-134.

DANKWA EK. Microscopy: One object one image.
The Canadian Journal of CME 1999: II (2), 28

DANKWA, EK. Medical Laboratory Numerical Values
The Canadian Journal of CME 1999: 11 (9), 23

DANKWA, EK. Tumor : A Confusing Terminology
The Canadian Journal of CME 2000: 12 (4), 18

POPADUIK CATHY M., XIONG JIEYING, WELLS MALCOLM G., ANDREWS PHILLIP G., DANKWA KWEKU, HIRASAWA KENSUKE, LAKE BLUE B., KAO KENNETH R. Antisense Suppression of Pygopus2 Results in Growth Arrest of Epithelial Ovarian Cancer . Clinical Cancer Research 2006: 12, 2216-2223

In Preparation

DANKWA EK, DAVIES JD. Frozen section diagnosis.
Chapter in 'Breast Pathology'. Editors Davies JD, Ahmed A. Butterworths, London.

DANKWA EK, DAVIES JD. Elastic and amyloid in basal cell carcinoma of the skin.
For submission to Journal of Clinical Pathology.

KINGTON AM, KESSEL LJ, DANKWA EK. Nasopalatine Duct Cyst. A case report and review with emphasis on the incidence.
For submission to British Dental Journal.

DANKWA EK, DAVIES JD. Metallic enhancement of soft-tissue mammographic.
For submission to British Journal of Radiology.

DANKWA EK. Yaws in Ghana: An increasing incidence.

The Medic, Ghana. (In press).

ROTHNIE N, SU H, JOHANSEN C, ROONEY N, DANKWA EK, WOOD CB, LINDHOLM L, BARTOLO DCC, HABIB NA. Immunohistochemical evaluation of a new monoclonal antibody, C466 in colonic cancers and normal tissues.

Journal of Surgical Research of Great Britain and Ireland. (In press).