

Curriculum Vitae

Dr. Nigel John Callaghan

*LLB (Hons); LMSSA (Lond); T (GP); FP Cert;
Dip.Pn.Med; FFFLM; MFSSoc; MCI Arb;
Barrister of The Inner Temple;
Approved under Section 12(2) Mental Health Act 1983
Approved Mental Health Assessor, Mental Capacity Act 2005*

*GMC Registration Number: 3173156
Bar Council Registration Number: 44432*

PERSONAL INFORMATION

NAME: Nigel John Callaghan
DATE OF BIRTH: 30th September 1960
NATIONALITY: British

EDUCATION

SCHOOL: Newbold Green Secondary Modern School &
Chesterfield Grammar School

13 'O' Levels,
4 'A' Levels &
Northern Universities English Usage

UNIVERSITY: University of London

MEDICAL SCHOOL: The Royal Free Hospital Medical School
Rowland Hill Street
London NW3 2PF

DATE OF QUALIFICATION: September 1986

EXPERIENCE

010187 – 310787

House Physician to Dr. T.M. Kemp
Staincliffe General Hospital
Healds Road
Dewsbury
West Yorkshire WF1 3HS

♦ *Acquisition:* The principles of in patient medical treatment and basic resuscitative and acute general medical treatment.

010887 – 310188

House Surgeon to Mr. V.S.D. Logan & Mr. P.J. Lyndon

Staincliffe General Hospital &
Dewsbury General Hospital
Dewsbury
West Yorkshire WF1 3HS

♦ *Acquisition:* The principles of in patient surgical treatment & clinical management pre & post operatively.

010288 – 310788

Senior House Officer in Obstetrics & Gynaecology – Mr. O. Djahanbakhch

Department of Obstetrics & Gynaecology
Newham General Hospital
Glen Road
Plaistow
London E13 8SL

♦ *Acquisition:* To be able to manage medically and operatively disease peculiar to women and the medical management of the expectant mother antenatally through the intra partum period to the post partum period.

010888 – 310189

Senior House Officer in Obstetrics & Gynaecology

Department of Obstetrics & Gynaecology
Dryburn Hospital
North Road
Durham DH1 5TW

♦ *Acquisition:* The continued development of my operative and interventional skills in the management of disease peculiar to women and obstetric care.

010289 – 310190

Senior House Officer in General Surgery & Urology

Department of Surgery
Dryburn Hospital
North Road
Durham DH1 5TW

♦ *Acquisition:* The ability to diagnose, treat and manage the surgical patient with or without my own operative intervention and the development of my practical surgical skills.

010290 – 310191

Senior House Officer in Anaesthesia

Department of Anaesthesia
Sunderland District General Hospital
Kayll Road
Sunderland SR4 7TP

♦ *Acquisition:* The ability to provide adequate anaesthesia and analgesia to individual patient, manage patients in the intensive care setting and deal with all aspects of resuscitation and trauma.

310191 – 310791

Officer in Command of Field Surgical Team

HM Army Medical Services
Force Hospital
Belize
Central America

♦ *Acquisition:* The ability to stand on my own feet, make fair and reasoned appraisals of situations that surrounded me dealing with all aspects of military life and medical trauma in the active, tropical setting.

010891 – 310192

Senior House Officer in Paediatrics

Sunderland District General Hospital
Kayll Road
Sunderland SR4 7TP

♦ *Acquisition:* The assessment, medical management and treatment of the child from birth to 16 years of age.

010292 – 310193

Northumbria Vocational Training Scheme for General Practice

Department of General Practice
Newcastle University
Newcastle-upon-Tyne NE1 7RU

010293 – 310898

Principal in General Practice

Westbourne Surgery
Kelso Grove
Shiney Row
Houghton-le-Spring DH4 4RW

♦ *Acquisition:* The practice of general medicine in the primary health care setting and good business sense which allowed me to develop a practice run from a biscuit tin to a fully fledged purpose built health care centre employing 16 staff.

010293 – 010110

Divisional Police Surgeon & Force Medical Officer (part time)

Durham Constabulary
Aykley Heads
Durham DH1 5TT

♦ *Acquisition:* I have handled over 20,000 clinical forensic cases ranging from fitness for detention/mental welfare issues through to rape, buggery, child abuse and murder. It is a privileged position that has allowed me to work as an integral part of the criminal justice system with a panoramic view of the system as a whole, giving me the credibility which has allowed me to deliver a unique quality of service in the role of Occupational Health Physician to the force, this latter role being surrendered in May 2007.

010293 – 311205

Medical Officer (part time)

Her Majesties Prison Frankland
Finchale Avenue
Brasside
Durham DH1 5YD

♦ *Acquisition:* Working in the dispersal estate has allowed me to use all of my medical and social skills to treat fairly and with impartiality the most notorious inmates within the prison system. I have been able to develop my interpersonal skills to deal with such individuals so as to be able to control situations in dialogue with inmates directly through to ministers in the appropriate departments alike.

010106 – Present

GP Working in Prison (part time)

Durham Cluster of Prisons
Darlington PCT
Dr Piper House
King Street

Darlington
DL3 6JL

010696 – Present

Independent Expert Witness (occasional)

Formedecon Ltd
Unit 24 Enterprise City
Meadowfield Avenue
Spennymoor
Co. Durham DL16 6JF

♦ *Acquisition:* The development of a practice specialising in all aspects of criminal work ranging from appearance at the Central Criminal Court to local magistrates Courts along with certain civil matters.

September 1998 – June 2001

Student (part time)

School of Law
University of Northumbria at Newcastle
Sutherland Building
Newcastle-upon-Tyne NE1 8ST

240799 – Present

Independent Medical Advisor to the Ministry of Justice (part time)

Department of Justice
Selbourne House
54 Victoria Street
London SW1E 6QW

♦ *Acquisition:* I have sat as a member on such Tribunals now for over 900 cases. I have been able to develop my ability to listen and assimilate the evidence presented, analyse and extract the relevant facts and apply them to situations before me so as to be able to come to a relevant, fair and reasoned decision along with other members of the Tribunal.

♦ I have also been able to develop my advocacy skills in the inquisitorial setting.

240901 – Present

External Examiner for The Forensic Science Society (as instructed)

Clarke House
18A Mount Parade

Harrogate
North Yorkshire HG1 1BX

September 2003 – 2009

Member of Council for Registration of Forensic Practitioners (as instructed)
806 Duncan House
Dolphin Square
London SW1V 3PP

November 2003 – Present

Barrister at Law
7 Bell Yard
London WC2A 2JR

January 2005 – 2009

Member of The Investigation Committee
Health Professions Council
Park House
184 Kennington Park Road
London SE11 4BU

♦ *Acquisition:* The investigation of a complaint or allegation against a Health Care Professional to determine any case and the nature of the case.

April 2005 – 2009

Registered Forensic Practitioner
Council for the Registration of Forensic Practitioners
Tavistock House
Tavistock Square
London WC1H 9HX

April 2005 – Present

Professional Member of the Forensic Science Society
Clarke House
18A Mount Parade
Harrogate
North Yorkshire HG1 1BX

February 2006 – Present

Regional Medical Appraiser (NE Region)
Ministry of Justice
York House
York Place
Leeds LS1 2ED

April 2006 – 2009

External Examiner
University of Teesside
Middlesbrough
Tees Valley TS1 3BA

December 2008 – Present

Approved Tutor (Bank)

Royal College of General Practitioners
Substance Misuse Unit
Room 313
Frazer House
32 – 38 Leman Street
London
E1 8EW

May 2009 – Present

Clinical Reviewer of Death in Custody

HM Prisons and Probation Ombudsman
Ashley House
2 Monck Street
London
SW1P 2BQ

October 2009 – Present

Examiner

Faculty of Forensic and Legal Medicine
Royal College of Physicians
11 St Andrews Place
Regents Park
London
NW1 4LE

January 2010 – Present

Medical Director and Responsible Officer

Reliance Medical Services
Surety House
18 Concorde Road
Patchway
Bristol
BS34 5TB

January 2010 – Present

GP Appraiser

County Durham Primary Care Trust
John Snow House
Durham University Science Park
Durham
DH1 3YG

February 2011

Panel Member

North East England Registration and
Approvals Panel
Mental Health Act Office

Cleveland Way
Roseberry Park Hospital
Marton Road
Middlesbrough
TS4 3AF

February 2011

Examiner

Diploma in the Forensic and Clinical Aspects of
Sexual Assault
Society of Apothecaries of London
Blackfriars Lane
London
EC4V 6EJ

June 2011

Deputy Convenor

Society of Apothecaries of London
Blackfriars Lane
London
EC4V 6EJ

POST GRADUATE EDUCATION

April 1989

***British Army Trauma Life Support Course &
Examination (RCS Recognised)***

RAMC Training Centre
Keogh Barracks
Ash Vale
Aldershot
Hants

Pass – first attempt

June 1989

Diploma in Family Planning

Margaret Pyke Centre
The Hospital for Women
Soho Square
London W1V 5TW

Pass – first attempt

September 1989

The Queens Commission

RAMC Training Centre
Keogh Barracks
Ash Vale
Aldershot

Hants

March 1990

Principles of War Surgery

RAMC Post Graduate Medical School
45 Millbank
London SW1P 4RJ

Pass – first attempt

March 1990

Nuclear, Biological Warfare – Principles of Treatment

RAMC Post Graduate Medical School
45 Millbank
London SW1P 4RJ

Pass – first attempt

July 1990

First International Conference in Anaesthesia & Critical Care in Disasters and War

Royal College of Surgeons in England
35-43 Lincoln's Inn Fields
London WC2A 3PN

September 1991

Territorial Army Senior Medical Officer Course

RAMC Training Centre
Keogh Barracks
Ash Vale
Aldershot
Hants

9th – 14th May 1993

Initial Police Surgeons Training Course (National)

Constabulary Headquarters
Ayckley Heads
Durham DH1 5TT

January 1994 – September 1995

FAGIN (Forensic Academic Group in the North) Accredited.

University of Manchester

March 1996

H.M. Prison Service Course – Drug misuse, Strategy and Clinical Management

November 1996

Developmental Police Surgeons Training Course (National)

The National Training Centre
Harperley Hall
Crook
County Durham DL15 8DF

29 th – 30 th January 1997	<i>Forensic Psychiatry for Forensic Clinicians</i> Broadmoor Hospital Crowthorne Berkshire RG45 7EG
27 th /28 th February & 27 th /28 th March 1999	<i>Basic Training in Acupuncture for Medical Practitioners</i> British Medical Acupuncture Society Manchester Conference Centre Weston Building Sackville Street Manchester
8 th – 12 th March 1999	<i>Foundation Course: Diploma in Prison Medicine</i> University of Nottingham Medical Postgraduate Education Department Queens Medical Centre Nottingham NG7 2UH
4 th October 1999 – 8 th June 2001	<i>Diploma in prison Medicine Course – Distinction</i> Faculty of Medicine and Health Sciences Postgraduate Education Centre Queens Medical Centre Nottingham NG7 2UH
July 2000	<i>Common Professional Examination – Pass</i> School of Law University of Northumbria at Newcastle Sutherland Building Newcastle-upon-Tyne NE1 8ST
November 2000	<i>Member of the Chartered Institute of Arbitrators - (MCI Arb)</i> International Arbitration Centre 12 Bloomsbury Square London WC1A 2LP
September 2000 – June 2001	<i>LL.B. (Hons)</i> School of Law University of Northumbria at Newcastle Sutherland Building Newcastle-upon-Tyne NE1 8ST
September 2001	<i>Approved under Section 12(2) Mental Health Act 1983</i>
1 st October 2001 – 30 th May 2002	<i>Bar Vocational Course: ‘Very Competent’</i> School of Law University of Northumbria at Newcastle

Sutherland Building
Newcastle-upon-Tyne NE1 8ST

March 2002 – March 2003

Continuing Professional Development in Medicine

University of Nottingham
Medical Postgraduate Education Department
Queens Medical Centre
Nottingham NG7 2UH

10th July 2002

Accredited Appraiser

NHS Modernisation Agency
St. Johns House
30 East Street
Leicester LE1 6NB

October / November 2002

Accredited Mediator

Regents College
Inner Circle
Regents Park
London NW1 4NS

16th December 2002 -
20th October 2003

Pupillage

Crown Prosecution Service
Crown House
Linthorpe Road
Middlesbrough TS1 1TX

28th & 29th January 2003

***North Eastern Circuit –
Advice to Counsel Course***

The Crown Court at Leeds
The Court House
1 Oxford Row
Leeds LS1 3BG

6th & 7th February 2003

CPS Pupils Induction Course

CPS Training Centre
United House
Piccadilly
York YO1 9PQ

8th February 2003

***North Eastern Circuit -
Pupils Advocacy Course***

The Crown Court at Leeds
The Court House
1 Oxford Row
Leeds OS1 3BG

10 th – 13 th February 2003	<i>Life Sentence Prisoners Report Certification</i> HMP Low Newton Finchale Avenue Brasside Durham DH1 5YD
3 rd – 6 th March 2003	<i>Legal Services Officer Certification</i> HMP Low Newton Finchale Avenue Brasside Durham DH1 5YD
17 th March 2003	<i>CPS Proceeds of Crime Training</i> Crown Prosecution Service Crown House Linthorpe Road Middlesbrough TS1 1TX
31 st March – 4 th April 2003	<i>CPS Advocacy Foundation Training</i> CPS Training Centre United House Piccadilly York YO1 9PQ
9 th – 11 th April 2003	<i>Compulsory Training in Forensic Accountancy</i> ATC 16-17 Clerkenwell Close London EC1R 0AA
28 th April – 2 nd May 2003	<i>Qualified Designated Case Worker</i> CPS Training Centre United House Piccadilly York YO1 9PQ
June 2003	<i>Certificate in Coroners Law and Practice</i> Centre for Applied Socio-legal Studies University of Teesside Middlesbrough Cleveland TS1 3BA
January 2005	<i>Certificate in Substance Misuse</i> Royal College of General Practitioners 14 Princes Gate Hyde Park London SW7 1PU

April 2005	<i>Certificate of Professional Membership</i> Forensic Science Society Clarke House 18A Mount Parade Harrogate HG1 1BX
April 2005	<i>Certificate of Registration as a Forensic Practitioner (General Forensic Work)</i> Council for the Registration of Forensic Practitioners Tavistock House Tavistock Square London WC1H 9HX
June 2005	<i>Police Pension Regulations 1987 (Training Course)</i> West Midlands Police
August 2005	<i>Certificate in Human Rights & Ethical Dilemmas</i> Doctors Working in Prisons World Medical Association The Norwegian Medical Association
October 2005	<i>Musculo-skeletal Examination, Diagnosis and Treatment of Conditions of the Upper Limbs</i> Tribunals Service York House York Place Leeds LS1 2ED
March 2006	<i>Regional Medical Appraiser Accreditation</i> Ministry of Justice Temple Court 35 Bull Street Birmingham B4 6EQ
March 2006	<i>Senior Medical Practitioners Seminar</i> West Yorkshire Police Training and Development Centre Bishopgarth Wakefield West Yorkshire
May 2006	<i>Section 12(2) Mental Health Act 1983 Revalidation</i> County Durham and Tees Valley Strategic Health Authority Swallow Imperial Hotel Newcastle-upon-Tyne

July 2006	<i>Member of the faculty of Forensic and Legal Medicine – Royal College of Physicians (UK)</i> 11 St. Andrews Place Regents Park London NW1 4LE
July 2006	<i>Panel Member Refresher Training</i> (DLA Care Component / Equal Treatment) Tribunals Service Manorview House Kings Manor Newcastle-upon-Tyne NE1 6PA
September 2006	<i>Regional Medical Appraisers Workshop</i> Ministry of Justice Nottingham Magistrates Court
September 2006	<i>Completion of 42 hours New Practitioner Programme</i> General Council of The Bar 289-293 High Holbourne London WC1V 7HZ
October 2006	<i>External Examiner Training</i> University of Teesside Middlesbrough Tees Valley TS1 3BA
November 2008	<i>Part 2 Certificate in Substance Misuse</i> Royal College of General Practitioners 14 Princes Gate Hyde Park London SW7 1PU
January 2009	<i>Oath of Allegiance and Judicial Oath in the Office of the First Tier Tribunal</i>
March 2009	<i>Fellowship of the Faculty of Forensic and Legal Medicine</i> Royal College of Physicians St Andrews Place Regents Park London NW1 4LE

June 2009	<i>Certificate of Management of Drug Misuse Advanced Secure Environments</i> Royal College of General Practitioners Room 314 Frazer House 32-38 Leman Street London E1 8EW
June 2009	<i>Medical Facilitators Workshop</i> Scarman House University of Warwick Coventry CV4 7AL
September 2009	<i>Appraisal Skills Training</i> County Durham PCT John Snow House Durham University Science Park Durham DH1 3YG
January 2010	<i>MFFLM Examiner Training</i> Faculty of Forensic and Legal Medicine Royal College of Physicians St Andrews Place Regents Park London NW1 4LE
March 2010	<i>Assessment of Fitness to Plead and be Interviewed Course</i> Andrew Sims Centre The Mount 44 Hyde Terrace Leeds LS2 9LN
March 2010	<i>Deprivation of Liberty Mental Health Assessor Refresher Training</i> Tees Esk and Wear Valleys NHS Foundation Trust West Park Hospital Edward Pease Way, Darlington, County Durham DL2 2TS

March 2010	<i>Safeguarding Children, Level 2 Foundation Course</i> County Durham and Darlington Community Health Services John Snow House Durham University Science Park Durham DH1 3YG
April 2010	<i>Sexual Offence Medicine Refresher Training</i> Reliance Medical Services Surety House 18 Concorde Road Patchway Bristol BS34 5TB
May 2010	<i>FFLM Annual Conference</i> Faculty of Forensic and Legal Medicine Royal College of Physicians St Andrews Place Regents Park London NW1 4LE
July 2010	<i>Forensic Practitioner Update Training</i> Reliance Medical Services Surety House 18 Concorde Road Patchway Bristol BS34 5TB
August 2010	<i>Sexual Offence Medicine Refresher Training</i> Reliance Medical Services Surety House 18 Concorde Road Patchway Bristol BS34 5TB
November 2010	<i>Regional Medical Appraiser Workshop</i> Ministry of Justice Metropolitan House 1 Hagley Road Birmingham West Midlands B16 8TG

November 2010	<i>Annual CPR / Anaphylaxis Update Training</i> Appleton House Lanchester Road Durham DH1 5XZ
November 2010	<i>HMP Telemedicine Training</i> HMP Durham Old Elvet Durham DH1 3HU
February 2011	<i>Section 12(2) Refresher Course</i> Tees Esk and Wear Valley NHS Foundation Trust West Park Hospital Edward Pease Way, Darlington, County Durham DL2 2TS
March 2011	<i>Equality and Diversity Training</i> UK Conference of Educational Advisors 90 Milton Park Abingdon OX14 4RY
March 2011	<i>Race, Equality and Diversity Issues</i> HMP & YOI Low Newton Finchale Avenue Brasside Durham DH1 5YD
May 2011	<i>Mental Capacity Act Update Training</i> Tees Esk and Wear Valley NHS Foundation Trust West Park Hospital Edward Pease Way, Darlington, County Durham DL2 2TS
June 2011	<i>Tribunal Members Refresher Course</i> Tribunals Service Manorview House Kings Manor Newcastle-upon-Tyne NE1 6PA
July 2011	<i>Mentoring Course</i>

North East Primary Care Services Agency
The Education Centre
Junction Road
Norton
Stockton-on-Tees
TS20 1PR

Sept 2011

Revalidation Conference
North East Strategic Health Authority
Millenium Suites
Waterfront 4
Newburn Riverside
Newcastle-upon-Tyne
NE15 8NY

Sept 2011

***Medical Revalidation Responsible Officer
Training: Module 1 – Revalidation Overview and
the Responsible Officer Regulations and
Guidance***
North East Strategic Health Authority
Millenium Suites
Waterfront 4
Newburn Riverside
Newcastle-upon-Tyne
NE15 8NY

Sept 2011

***Medical Revalidation Responsible Officer
Training: Module 2 – Organisational Governance
and Appraisal Systems***
North East Strategic Health Authority
Millenium Suites
Waterfront 4
Newburn Riverside
Newcastle-upon-Tyne
NE15 8NY

Oct 2011

***Forensic Practitioner Sexual Offence Training –
Facilitator***
Reliance Medical Services
The Rhona Cross Suite
Newcroft House
Newcastle-upon-Tyne NE1 6ND

Oct 2011

***Tribunal Members Training on New ESA
Descriptors***
HM Courts and Tribunals Service
Hylton Park
Sunderland
SR5 3XQ

Oct 2011	Appraiser Training County Durham and Darlington PCT The Durham Centre Belmont Industrial Estate Durham DH1 1TN
Nov 2011	Responsible Officer Training: Module 3 – Responding to Concerns North East Strategic Health Authority Millenium Suites Waterfront 4 Newburn Riverside Newcastle-upon-Tyne NE15 8NY
Nov 2011	Safeguarding Children Course: Level 3 – Record Keeping and Report Writing County Durham and Darlington PCT Fern Court Peterlee County Durham SR8 2RR
Nov 2011	Safeguarding Children Course: Level 3 – The Internet, Online Grooming and Abusive Images of Children Appleton House Lanchester Road Durham DH1 5XZ
Jan 2012	Medical Training Day – Facilitator HM Courts and Tribunals Service Manorview House Kings Manor Newcastle-upon-Tyne NE1 6PA
Feb 2012	RST Appraiser top-up Training NHS North of England Millennium Suites Waterfront 4 Newburn Riverside Newcastle-upon-Tyne NE15 8NY

March 2012	<i>Revalidation conference: Remediation is the key!</i> NHS North of England Millennium Suites Waterfront 4 Newburn Riverside Newcastle-upon-Tyne NE15 8NY
March 2012	<i>Recognition of the Acutely Ill Detainee in Police Custody study day</i> South Tees Hospitals NHS Foundation Trust Marton Road Middlesbrough TS4 3BW
March 2012	<i>Mental Health Assessors Refresher Training</i> Northumbria University Ellison Place Newcastle upon Tyne NE1 8ST
May 2012	<i>Examiner Update Training: DFCASA</i> Society of Apothecaries of London Black Friars Lane London EC4V 6EJ
June 2012	<i>Provider, Mandatory Training Day: Forensic Gynaecology</i> NHS North East Millennium Suites Waterfront 4 Newburn Riverside Newcastle-upon-Tyne NE15 8NY
June 2012	<i>Provider, Legal Issues and Evidence Reporting</i> Teesside University Middlesbrough Tees Valley TS1 3BA
July 2012	<i>MPS Mastering Adverse Outcomes Workshop</i> Medical Protection Society Granary Wharf House Leeds LS11 5PY
July 2012	<i>MPS Mastering Difficult Interactions with Patients Workshop</i>

	Medical Protection Society Granary Wharf House Leeds LS11 5PY
September 2012	<i>Medical Training Day - Facilitator</i> HM Courts & Tribunals Service Loughborough University (West Park) Loughborough Leicestershire LE11 3TD
October 2012	<i>MPS Mastering Shared Decision Making Workshop</i> Medical Protection Society Granary Wharf House Leeds LS11 5PY
October 2012	<i>Administration of Methadone & Buprenorphine Course</i> South Tees Hospital NHS Foundation Trust Marton Road Middlesbrough TS4 3BW
November 2012	<i>Northern CPSIG Conference: Safeguarding Children & Young People update</i> The Beacon Westgate Road Newcastle upon Tyne NE4 9PQ
November 2013	<i>International Fellowship of the American College of Legal Medicine</i> Executive Office Two Woodfield Lake 1100 E Woodfield Road Suite 520 Schaumburg IL 60173
January 2013	<i>Facilitation of The Introduction to Clinical Forensic Medicine Course</i> College of Policing Harperley Hall Fir Tree Crook County Durham DL15 8DS

February 2013

***Medical Revalidation Responsible Officer
Training***
NHS North East
The Queens Hotel
City Square
Leeds
LS1 1PJ

PROFESSIONAL ORGANISATION MEMBERSHIP

General Medical Council – Feb 1986

Medical Protection Society – June 1986

Member of the Honourable Society of the Inner Temple – Oct 2002

The Chartered Institute of Arbitrators – Nov 2000

The Forensic Science Society – April 2005

The British Academy of Forensic Sciences

Faculty of Forensic and Legal Medicine – Foundation (July 2006), Fellowship (March 2009)

The Durham Light Infantry Association – Feb 1989

The Royal British Legion – Oct 1989

Associate Member of Durham Black & Asian Police Officers Association

American College of Legal Medicine – International Fellowship (November 2012)

INTERESTS AND ACTIVITIES

Above all, my family.

Past sitting member, Forensic Medicine Committee, British Medical Association.

Honorary Lecturer, Teesside University, Northumbria University and National Police Improvement Agency in Clinical Forensic Medicine.