

Konstantin Schwarz

QUALIFICATIONS / PROFESSIONAL EXAMS

CCT cardiology	Joint Royal Colleges of Phys. Train. Board/GMC Subspecialized in interventional cardiology - West Midlands Deanery Rotation, United Kingdom	Jan 2019
PhD (medicine)	University of Aberdeen, Scotland	July 2016
BSE	British Soc Echocardiography TTE accreditation	Aug 2010
MRCP (UK) and FRCP London	Royal College of Physicians – London FRCP awarded 2022	Jun 2007
General Practitioner	Austrian Medical Council /GMC register	Jun 2005/2006
MD (Dr.med.univ.)	University of Vienna, Austria (clinical with distinction)	Feb 2000
A-levels	Grammar school, Jana Nerudy, Prague, Czech Republic (A-levels with distinction)	May 1993

EXPERIENCE AND TRAINING

Universitätsklinikum St. Pölten	Consultant cardiologist with special interest in percutaneous intervention (substantive) Since Feb 2025 – 1. Oberarzt (deputy head) Innere Medizin 3 / Kardiologie	Apr 20 – current
Worcestershire Royal Hospital	Consultant cardiologist with special interest in percutaneous intervention (substantive)	Apr 19 – Mar 20
Royal Wolverhampton Hospital	St7 cardiology, interventional trainee EduSup: Dr Benjamin Wrigley	Sept 18 –Mar 19
Royal Stoke University Hospital	St7 cardiology, interventional trainee EduSup: Prof Jim Nolan	Sep 17- Sep 18
Royal Wolverhampton Hospital	St6 cardiology, interventional trainee EduSup: Prof James Cotton	Sep 16- Sep 17
Worcestershire Royal Hospital	St5 cardiology EduSup: Dr Helen Routledge	Sep 15- Sep16
University Hospital Birmingham	St4 cardiology (national ACHD centre and regional transplant centre) EduSup: Dr Sohail Khan	Feb 15- Sep 15
University of Aberdeen	MRC Research Fellow & Honorary SpR Cardiology Aberdeen Royal Infirmary Prof Michael P Frenneaux, Regius Chair in Medicine	Oct 11- Feb 15
	Basil Hetzel Institute, University of Adelaide, Australia Prof John Horowitz	Jan 12-Mar 12

Alexandra Hospital, Redditch	St3 cardiology & general medicine West Midlands Deanery NTN obtained Dr Dzifa Wosornu-Abban	Aug 10-Sep 11
Worcestershire Royal Hospital	St3 LAS/Clinical Fellow, Cardiology & Gen Med Dr Jasper Trevelyan	May 08-Aug 10
Cheltenham Gen. Hospital	St2 – Cardiology / Oncology-Haematology Severn Deanery – Medical rotation	Aug 07- Apr 08
Pontefract Gen. Infirmary	Elderly Medicine / Cardiology <i>The Leeds Teaching Hospitals NHS Trust – SHO Medical rotation</i>	Aug 06-Aug 07
Leeds Gen. Infirmary		Feb 06-Aug 06
St Mary's Hospital, Isle of Wight	SHO – Accident & Emergency	Aug 05- Feb 06
Kaiser Franz Josef Hospital & Preyer Children Hospital, Vienna, Austria GP-training rotation Neurology (2mths), Emergency (6 mths), Paediatrics (5 mths), Dermatology (3 mths), Inf. Diseases (3mths) Gen surgery (2 mths), Oncology (3 mths), O&G (5 mths), ENT (2 mths), Urology (3mths)		Oct 02-Jun 05
Queen Elizabeth Hospital, King's Lynn	PRHO – Surgery & Orthopaedics/Trauma	Feb 02-Aug 02
St Mary's Hospital, Isle of Wight	PRHO – General Medicine	Aug 01-Feb 02
Military Hospital Vienna, various garrison placements Austria	Mandatory Military Service, Army assistant doctor Medicine & Radiology (Incl. training in abdominal ultrasound 150x exams, major accident training)	Sep 00-Jun 01
Vienna Gen. Hospital (AKH), Austria	Research Fellow Experimental Microbiology Prof A Georgopoulos, Prof W Graninger	Feb 00-Sep 00

SCHOLARSHIPS/AWARDS

- **Winner of best case presentation at MLCTO 2023**, Nice, France 2023
- **British Cardiovascular Interventional Society**: by open competition selected for one of two available sponsored places reserved for British cardiology interventional trainees to attend the prestigious SCAI Annual Interventional Fellows Course, Las Vegas, USA 2018
- **University of Innsbruck & Austria-South East Asia Society**
Awarded competitive scholarship to attend Bangkok, Chulalongkorn University – Infectious diseases attachment 1999
- **Leistungsstipendium (merit-based scholarship) University of Vienna** 1994/95

ELECTIVE ATTACHMENTS

- **Chulalongkorn University Hospital, Bangkok, Thailand** Infect. Diseases; Aug 99-Sep99
- **Western General Hospital, Edinburgh** – Oncology/Gen medicine Aug 98-Sep 98

PROFESSIONAL ACTIVITIES/ MEMBERSHIPS

- Österreichische Kardiologische Gesellschaft (ÖKG) Nukleusmitglied der AG Interventionelle Kardiologie
- Proctoring – chronic total occlusion PCI, Austria since Nov. 2023
- Royal College of Physicians London – Fellow – **FRCP (London)** elected in September 2022
- Reviewer for various medical journals
- F1000- Associate Faculty Member -Section Cardiovascular Physiology (Post-publication Peer Review- invited by Prof MP Frenneaux)
- Associate Fellow of Higher Education Academy, UK
- British Society of Echocardiography (BSE)
- British Cardiovascular Intervention Society (BCIS)
- Examiner at Facharztprüfung Kardiologie, Österreichische Ärztekademie (ÖÄK)
- Interviewer for junior doctor posts (general medicine and cardiology StR- NTN, Worcester and West Midlands Deanery)

Charity involvement:

- Open day BHF Aberdeen Royal Infirmary, Jan 2014
- Development trust Aberdeen: lecture to students organizing charity

COURSES & Other qualifications

Edwards TAVI Training May 2025, 2d Prague	2025
Austrian CHIP Meeting, 2d Vienna, Graz, October	2021, 2025, yearly
MLCTO, Nice, 3d, July	2021-2025 yearly
EuroCTO Meeting	2020
TAVI Access Masterclass, 1d, Manchester, Oct.	2019
OPTIMAL CTO, 2d, London	2019
Advances in Co-registration, coronary physiology and imaging, 2d, London	2019
Mayo Clinic/BCS cardiology update course, London, 5d	2019
SCAI Fall Fellows Course, Las Vegas, US, Dec 7.-11.	2018
Practical IVUS and OCT, Manchester, June 27th	2018
PCR Education – Bifurcation Meeting, Medtronic, Birmingham, June 18.-19.	2018
EuroPCR, Paris, 4d	2017, -18, -22, -23, -24
Advanced Cardiovascular Intervention, London	2017, -18, -20, -22, -23
PCI Complications Course, Derby	2017
Rising Stars (Interventional Cardiology), Medtronic, Leeds, 2d	2016
BCIS Advanced Cardiovascular Interventional Trainee Course, Liverpool	2015,
AIM Radial UK Masterclass, Liverpool, 17.-18. Sept	2015
BCIS Basic Interventional Course, Queens College, Oxford, 16.-17. April	2017
European Society of Cardiology Congress,	2007, 2009, 2013, 2015
EuroEcho, Vienna; 3.-6. December	2014
BSE congress, Liverpool	2013, 2009
Good Clinical Practice (Research) passed Oct 2011, Up-date: 2013 and 2016	2013
ScotPil- Animal Handling/Research course, University of Aberdeen	2012
Basic Statistics Course, University of Aberdeen, 3d	2011
PCI Complications–Management and Troubleshooting Masterclass, Worcester	2010
Essentials of Radial Access Course, Stoke	2010
Hammersmith Echocardiography Conference, London, 5d	2009
Fundamental Techniques in Coronary Angiography, St Jude Medical, 1d	2009
Practical Cardiology, Exeter College, Oxford, 2x2d	2009, 2008
Ultrasound guided iv access, Worcester, 1d	2011
Acute Medicine, Hammersmith Medicine, 2d	2008, 2010
Temporary Pacing Course, Stevenage, 1d	2007
ALS Provider Course (ERC – Vienna, Gloucester, Worcesterx2, Birmingham)	2004, 2007, 2010, 2015, 2019

Acute Cardiac Care Congress, ESC, 4d, Prague	2006
Emergency Doctor (Notarzt Ausbildung), Salzburg, ARGE, Austria, 7d	2004

AUDIT/QUALITY IMPROVEMENT PROJECTS

CTCA vs invasive angiography in graft patients Royal Stoke University Hospital	2018
Surgical centre referral waiting times Worcestershire Royal Hospital	2016
PCI 30d follow up Worcestershire Royal Hospital	2010
Angioplasty Service Satisfaction Survey Worcestershire Royal Hospital	2009
ECG in acute chest pain patients Worcestershire Royal Hospital	2009
Reasons for delayed discharges after PCI Cheltenham General Hospital	2008
Management of atrial fibrillation (Elderly Medicine) Ponterfract General Infirmary	2007

TEACHING

Teaching specific education:

Postgraduate certificate

- **Learning and Teaching in Higher Education 1**, University of Aberdeen one year/30 credit course, passed 4th June 2013
Associate fellow of the Higher Education Academy

Courses

- **On-the-Job-Teaching**, RCP-London, Oxford, June 2009
- **Training the Trainers** course, Warwick, June 2019

Delivered teaching:

Workshops/Courses

Austrian CHIP&CTO Meeting, Krems, co-director, live case provider

Austrian CHIP Meeting St. Pölten, 10.-11.Nov 2025, co-director, live case provider

Danube CHIP & CTO Meeting, international advanced CHIP-CTO Meeting, Vienna 8.-9. May 2025 – **Co-director**

Kardio- Akademie, Sankt Pölten & Medical University of Vienna (2022, 2023, 2024)

Series of 1-1.5 days training for early career interventional cardiologists co-organising and liaising with Industry (Bifurcations, Calcified Lesions, On-Call, Diagnostic angiography, i.c. Imaging...)
I am holding several presentations and run several work-shops

Course co-director on "**Lithotripsie und OCT Workshop** (2x3h) 2023"
www.kardioakademie.at

PCR Education – Bifurcation Meeting, Medtronic, Birmingham, 18.-19. June 2018
Acted as media driver and cases presenter

Midlands Echocardiography Course: echo demonstration for beginners (Nov 2017)

The North East Scotland Society of Anaesthetists (NESSA) – annual meeting
Held transthoracic echocardiography workshop for anaesthetists, October 2014

University of Vienna, hands-on workshops for medical students on laboratory microbiological techniques (2000)

Presentations: **Euro PCR, Paris May 2026**, panelist on LM Bifurcation session -Terumo

6th Austrian CHIP Meeting, St. Pölten,
CTO service in SP

DACH CHIP Meeting, Nürnberg, Germany
Case presentation and faculty 2024

5th Austrian CHIP-CTO 2024
Lecture (Radiation protection in CTO), Live Case + panel .

4th Austrian CHIP-CTO 2023
Feldkirch, Austria
Bifurcations in CTO and Septal troubles presentations, panel

3rd Austrian CHIP-CTO Meeting
Oct 2022, Graz, Uni Campus, "A character building case"

Swiss CHIP&CTO Summit 2023
September 2023, St. Gallen, Switzerland
"The super-power knuckle" – selected case

MLCTO 2024, Nice, France
"We will be breaking boulders – Tell me what you see!"

MLCTO 2023
July 2023, Nice, France
"What happened in this rCART case, *..it aint over till its over...*"
(winner of best case presentation)

EuroPCR
May 2023, Paris
- Character Building Case
- An old hat for contemporary PPCI

EuroPCR
May 2022, Paris, 'When all hell breaks loose, expect the unexpected'

Sankt Pölten Kardiologie 2021, 2022, 2023 and 2024
Schloss Thalheim, CTO – Indikation revisited
Schloss Graffeneg, Komplexe MVD PCI
Schloss Graffeneg, CTO Service SP
NÖ Landhaus, ESC 2024- CCS Guidelines

EuroPCR
May 2018, Paris, 'When less is more'

EuroPCR
May 2017, Paris, Combined TAVI, EVAR and right internal iliac artery embolization case

BCIS Advanced Cardiovascular Interventional Trainees Course
Dec 2016, Liverpool, Case presentation

Cardiovascular Symposium, Institute of Medical Sciences, University of Aberdeen,
Jan 2013, Mitochondrial Respiration in Cardiomyocytes

Cardiovascular Meeting, Queen Elizabeth Hospital, Adelaide, Australia
22nd Feb 2012, Nitrite and Metabolic Efficiency

Aberdeen Royal Infirmary: RV function in LV disease; Nitrite effects in Cardiac Muscle; Mitochondrial Respiratory Chain

Many other local and regional (**University Hospital Birmingham, Royal Wolverhampton Hospital, Worcestershire Royal Hospital**) e.g. West Midlands CPEX meeting, West Midlands Training days, Grand rounds, 3rd/5th Medical Students Lecture and Bedside teaching presentations to doctors, nurses and students on various topics including: RV-function in LV disease- Helical Heart, LMS disease/trials, Tako-tsubo, Pioneer AF Trial, Tissue Doppler/3D-LVQ/3D-valves, Right Ventricle Assessment (Echo), Acute heart failure syndromes, AHF-ESC Guidelines, Courage trial, PV Endocarditis and Device infections, ECG training, Arrhythmia, Cardiomyopathies...

SKILLS

PCI

Level 3 diagnostic angiographies-femoral and radial access, RHC- brach and fem. Experience with RV-biopsy

1st operator PCI: >3500, >90% radial access, primary PCI rota, including LMS, bifurcation stenting, circulatory support (mainly IABP), **CTOs >350** (ante and retrograde procedures), biradial access, Angioseal, Proglide and Mynx closure devices and rotational atherectomy competent, OCT, IVUS, Pressure wire-co-registration, shockwave lithotripsy, ic laser (ELCA), Impella and ECMO

I am the head of the **cath lab** and the **CTO/CHIP Program** at University Hospital Sankt Pölten.

I trained in **four high volume centres** with >30 PCI trainers (incl Jim Nolan, Mark Gunning, Rob Butler, Karim Ratib, Adrian Large, James Cotton, Saib Khogali, Ben Wrigley, Helen Routledge, Jasper Trevelyan, Joe Martins, Matt Banks, Shehzad Munir, Patrick Calvert, Peter Ludman and many more)

TAVI & structurel

1st operator balloon aortic valvuloplasty,
1st operator in TAVI (Evolut, Edwards, Octapro), PFO closure
ViV procedures, transaxillary percutaneous access
2nd operator VSD device closure, alcohol septal ablation

Pulmonary Embolism Permanent pacing

EKOS and INARI Flowtriever 1st operator
100+ with minimal (remote) supervision, most VVI/DDD, few ICDs,
4x Biventricular devices, many implantable loop recorders (+ILR explantation)
Micra leadless PM >20

Echocardiography

Independent, advanced techniques including contrast and exercise or dobutamine stress echocardiography (100x), 2D and tri-plane strain (research), some experience with echocardiography in LVAD patients, BSE accredited

Tilt Test Temporary Pacing Pericardiocentesis CVP/Chest drain/LP Abdominal ultrasound

Supervision and reporting
Independent, level 3
Independent, level 3
Independent, level 3
150 examinations and supervised reports

IT/statistic skills

Good MS office working knowledge (advanced excel), basic SPSS knowledge, GraphPad, advanced ppt.
Attended formal statistic courses at University of Vienna and University of Aberdeen, good knowledge in basic statistics/epidemiology

Basic science

Good experience with routine techniques (light microscopy and animal handling course, cell culture, western blot, mitochondrial function assessment)

MANAGEMENT and Other activities

Trial management	INAS –randomized controlled trial, As the leading fellow I managed the most aspects of this phase II MHRA/CIMPT regulated trial, including procurement, recruitment (community advertisements, other tertiary center and GP surgeries involvement), liaison with all involved regulatory bodies (Ethics Committee, University R&D, NHS R&D). I organized and facilitated Trial Steering Committee and live international Data Monitoring Committee meetings (2011-2015)
Journal club Management course	Organized and managed drug rep sponsored JC in Royal Wolverh. H. 2018 Professional Development Course, Nov 2016 (London, Johnson&Johnson), Topics involved leadership and teamworking in NHS, time management, dealing with complaints, medico-legal scenarios, developing and leading a quality service in NHS...
NHS work	Br Card Soc – Early Consultant Career Course 2019 Over years I actively contributed to many M&M meetings, clinical governance meetings, liaison between trainees and consultants (e.g. change in working hours..)
OCT meeting	Supported by Abbott I organized a hands-on-training for regional SpRs February 2018
Proctoring	I am proctoring for complex coronary interventions/chronic total occlusions

PERSONAL DETAILS

Name Konstantin Schwarz

Previous UK cardiology National Training Number: WMD/007/010/C
LinkedIn and Researchgate