

Cardiology Training Courses

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| Mandatory | Described in curriculum documents by the relevant Royal College or Faculty and should assist educational supervisors to ensure that the trainee is meeting the requirements mandated by the curriculum in the first instance. |
| Optional | Complementary to the curriculum, the Head of School or Training Programme Director being of the opinion that attendance at these events is of benefit to the trainee. It is not expected that the lists are prescriptive; there is no expectation that the trainee should complete all the optional events for their given programme. The list should act as a guide for the trainee and educational supervisor to plan and schedule attendance at some of these events across the entire duration of training. Where a trainee has undertaken an event already described on the list and wishes to undertake the same event again, the trainee must seek approval from the Training Programme Director and relevant Head of School in the first instance. Unless specifically outlined in the curriculum, attendance on the same event on more than one occasion for the duration of any given training programme would not normally be supported by study leave. |
| Aspirational | In the rare event where a trainee wishes to undertake a course or event that is not included on the Mandated and Optional Lists, the trainee should discuss with their educational supervisor and Training Programme Director to ensure that the course or event is relevant |

| Event / Course Title | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Curriculum page | Notes |
|---|-----|-----|-----|-----|-----|----------|-----------|---------------------|---|
| Cardiology core training / curriculum mandated | | | | | | | | | |
| ALS | x | x | x | x | x | 1-2 days | Mandatory | P112 | |
| Ionising Radiation (Medical Exposure) Regulations (IRMER) Certificate course or online equivalent | x | x | x | x | x | 1 day | Mandatory | P112 | ^freely available on e-Learning for Healthcare platform |
| Leadership and management course | | | x | x | x | 1-2 days | Mandatory | P38 | |
| Teaching skills course | | | x | x | x | 1-2 days | Mandatory | P38 | |
| Cardiology-specific simulation course | x | | | | | 1 day | Mandatory | As discussed at SAC | |
| 2/3 of local provided formal core / advanced training days dependent on stage of training | x | x | x | x | x | n/a | Mandatory | P15 | |
| 2/3 of biannual BCS national training days | x | x | x | x | x | n/a | Mandatory | P15 | |

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| Core training in nuclear cardiology (acquisition of at least six stress and six rest studies, reporting of at least 48 studies)* | x | x | x | | | | | Mandatory | P119 | *in the absence of an equivalent, locally available clinical programme |
| Core knowledge in CMR course (including acquisition, processing and supervised reporting of 50 scans)* | x | x | x | | | | | Mandatory | P120 | |
| Core knowledge in cardiac CT (sufficient to fulfill curriculum requirements, equivalent to eight half day sessions / 50 cases)* | x | x | x | | | | | Mandatory | P120 | |
| Adult congenital heart disease (ACHD) ideally 1-2 week dedicated attachment in ACHD specialist surgical centre; or equivalent of at least 10 specialist clinics / ward rounds | x | x | x | | | | | Mandatory | P105 | |
| BCS ACHD core curriculum course# | x | x | x | | | 2 days | | Mandatory | link | # if not covered by locally provided course / training days |
| Heart disease in pregnancy (equivalent of 1 day course per year)± | x | x | x | | | | | Mandatory | P111 | ± if no locally provided course or specific pregnancy / pre-pregnancy clinics |
| Hands-On Cardiac Pacing Course (e.g. Liverpool) | x | x | x | | | 2-3 days | | Mandatory | P122 | |
| EEGC revision course (e.g. BCS/Mayo, BJCA Cardiology to the Core) | | | x | x | x | 2-5 days | | Mandatory | P21 | |

Potential for PH and genetics courses

| Optional courses / meetings | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|---|-----|-----|-----|-----|-----|----------|----------|----------------------|-------|
| Focussed echo course (e.g. Focused echocardiography in emergency life support (FEEL)) | x | | | | | | Optional | link | |
| Foundation echocardiography course (e.g. BSE or equivalent) | x | x | | | | | Optional | | |
| BJCA Headstart in Cardiology - ST3 introduction course | x | | | | | 2 days | Optional | link | |
| BSE core knowledge training / equivalent echo exam preparation course | x | x | x | x | x | 2 days | Optional | link | |
| BCS Annual Conference | x | x | x | x | x | 3 days | Optional | link | |

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| BCS A Year in Cardiology | x | x | x | x | x | 1 day | Optional | link |
| BCS first steps in cardiology research | x | x | x | x | x | 1 day | Optional | link |
| BCS cardiology update | x | x | x | x | x | 1 day | Optional | link |
| British Heart Valve Society (BHVS) core knowledge day | x | x | x | x | x | 1 day | Optional | link |
| Essential surgical skills course | x | x | x | x | x | 1-2 days | Optional | |

| Advanced modular training§ | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
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| Adult congenital heart disease | | | | | | | | | |
| BCCA annual conference | | x | x | x | x | 2 days | Optional | link | §Considered optional for advanced modular trainees, aspirational for core trainees Where appropriate, particular preference should be reserved for trainees presenting abstracts |
| Hands-on cardiac morphology | | x | x | x | x | 1-2 days | Optional | link | |
| ACHD transthoracic echo course (e.g. Bristol ACHD Echo) | | x | x | x | x | 2 days | Optional | link | |
| ACHD transoesophageal echo (TOE) course (e.g. UCLH European) | | x | x | x | x | 2 days | Optional | link | |
| RSM ACHD training days | | x | x | x | x | 1 day | Optional | | |

| Advanced rhythm training | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
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| Anatomy for electrophysiologists | | x | x | x | x | 3 days | Optional | link | |
| Electrophysiology core curriculum course (e.g. Leeds or equivalent) | | x | x | x | x | 2 days | Optional | link | |
| Harefield Hospital Transseptal Puncture Simulation Course | | x | x | x | x | 1 day | Optional | | |
| Syncope course - (e.g. STARS London Syncope) | | x | x | x | x | 1 day | Optional | link | |
| Arrhythmia Alliance - London Arrhythmia Summit | | x | x | x | x | 1 day | Optional | link | |
| BHRS Heart Rhythm Congress | | x | x | x | x | 4 days | Optional | link | |

| Heart failure | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|---|-----|-----|-----|-----|-----|----------|----------|----------------------|-------|
| British Society for Heart Failure (BSH) annual conference | | x | x | x | x | 2 days | Optional | link | |
| BSH: Heart Failure Day for Revalidation and Training | | x | x | x | x | 1 day | Optional | link | |

| Cardiac imaging | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|---|-----|-----|-----|-----|-----|----------|----------|----------------------|-------|
| Advance course on 3D Echocardiography | | x | x | x | x | 1 day | Optional | link | |
| BSE Annual Meeting | | x | x | x | x | 2 days | Optional | | |
| BSCI / BSCCT hands on level 1 & level 2 Cardiac CT Course or equivalent | | x | x | x | x | 4-6 days | Optional | link | |
| BCS/BSCMR Level 1 course - Cardiovascular Magnetic Resonance or equivalent | | x | x | x | x | 1 day | Optional | link | |
| Clinical workshop on cardiac MR stress imaging | | x | x | x | x | 3 days | Optional | link | |
| British Society of Cardiovascular Magnetic Resonance (BSCMR) annual meeting | | x | x | x | x | 1 day | Optional | link | |
| BSCI/BSCCT annual meeting | | x | x | x | x | 3 days | Optional | link | |
| British Nuclear Cardiology Society (BNCS) annual meeting | | x | x | x | x | 3 days | Optional | link | |

| Inherited cardiovascular conditions | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|---|-----|-----|-----|-----|-----|----------|----------|----------------------|-------|
| Hypertrophic cardiomyopathy: from foetus to adulthood | | x | x | x | x | 1 day | Optional | link | |
| AICC annual meeting | | x | x | x | x | 2 days | Optional | link | |
| Cardiomyopathy UK annual conference | | x | x | x | x | 1 day | Optional | link | |
| <i>Genetics</i> | | | | | | | | | |

| Interventional cardiology | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|--|-----|-----|-----|-----|-----|----------|----------|----------------------|-------|
| Lecured-based intervention course (e.g. BCIS advanced cardiovascular interventional trainees course) | | x | x | x | x | 2 days | Optional | link | |
| BCIS study day: interventional pharmacology | | x | x | x | x | 2 days | Optional | link | |

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| BCIS study day: out of hospital cardiac arrest | x | x | x | x | 2 days | Optional | link |
| BCIS annual conference: advanced cardiovascular intervention (ACI) | x | x | x | x | 3 days | Optional | link |
| Advanced coronary imaging course (e.g. Practical IVUS and OCT) | x | x | x | x | 1 day | Optional | link |
| Chronic Total Occlusion (CTO) course (e.g. CTO live) | x | x | x | x | 1-2 days | Optional | link |
| Complex angioplasty course (e.g. CHIP UK) | x | x | x | x | 1-2 days | Optional | link |

| Aspirational courses / meetings | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|---|-----|-----|-----|-----|-----|----------|--------------|----------------------|-------|
| BCS early consultant career course | | | | | x | 1 day | Aspirational | link | |
| Scottish Cardiac Society (SCS) annual meeting | x | x | x | x | x | 2 days | Aspirational | link | |
| BCS / Royal College of Physicians and Surgeons of Glasgow: Interactive Cardiology Symposium | x | x | x | x | x | 1 day | Aspirational | link | |
| London Shock - cardiac arrest, resuscitation and circulatory support | x | x | x | x | x | 1 day | Aspirational | link | |
| BHVS annual conference | x | x | x | x | x | 1 day | Aspirational | link | |
| BACPR annual conference | x | x | x | x | x | 2 days | Aspirational | link | |
| Public Health England: annual CV disease prevention conference | x | x | x | x | x | 1 day | Aspirational | link | |
| British Atherosclerosis Society (BAS) annual meeting | x | x | x | x | x | 2 days | Aspirational | link | |
| Cardiology in British Sport symposium | x | x | x | x | x | 1 day | Aspirational | link | |
| Annual Scientific Meeting of the Cardiorenal Forum | x | x | x | x | x | 1 day | Aspirational | link | |
| Heart UK Annual Scientific Conference | x | x | x | x | x | 2 days | Aspirational | link | |
| Scottish Cardiac Society Adult Congenital Cardiac Conference | x | x | x | x | x | 1 day | Aspirational | link | |
| Royal College of Physicians and Surgeons of Glasgow: annual heart failure conference | x | x | x | x | x | 2 days | Aspirational | link | |

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| West of Scotland Advanced Echocardiography Course | x | x | x | x | x | 2 days | Aspirational | link |
| Edinburgh Cardiac CT Course | x | x | x | x | x | 5 days | Aspirational | link |

| Selected general international conferences | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
|---|-----|-----|-----|-----|-----|----------|--------------|----------------------|---|
| European Society of Cardiology (ESC) annual congress | x | x | x | x | x | 5 days | Aspirational | link | Where appropriate, particular preference should be reserved for trainees presenting abstracts |
| American College of Cardiology (ACC) annual congress | x | x | x | x | x | 3 days | Aspirational | link | |
| American Heart Association (AHA) scientific sessions | x | x | x | x | x | 3 days | Aspirational | link | |
| European Atherosclerosis Society (EAS) annual congress | x | x | x | x | x | 4 days | Aspirational | link | |
| European Society of Hypertension (ESH) meeting on hypertension and cardiovascular | x | x | x | x | x | 4 days | Aspirational | link | |
| European Heart Rhythm Association (EHRA) annual congress | x | x | x | x | x | 3 days | Aspirational | link | |
| The Heart Failure Association annual congress | x | x | x | x | x | 2 days | Aspirational | link | |

| Selected sub-specialty international conferences | ST3 | ST4 | ST5 | ST6 | ST7 | Duration | Status | Link | Notes |
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| ICNC - Nuclear Cardiology & Cardiac CT | | x | x | x | x | 3 days | Aspirational | link | |
| EANM European Association of Nuclear Medicine Congress | | x | x | x | x | 3 days | Aspirational | link | |
| EuroCMR | | x | x | x | x | 3 days | Aspirational | link | |
| EuroEcho & Imaging | | x | x | x | x | 3 days | Aspirational | link | |
| SCMR | | x | x | x | x | 3 days | Aspirational | link | |
| EuroPCR | | x | x | x | x | 4 days | Aspirational | link | |
| PCR London Valves | | x | x | x | x | 2 days | Aspirational | link | |
| Transcatheter Cardiovascular Therapeutics (TCT) | | x | x | x | x | 2 days | Aspirational | link | |
| EuroGUCH meeting | | x | x | x | x | 2 days | Aspirational | http://wp1.euroguch.com/ | |