



GIG
CYMRU
NHS
WALES

Bwrdd Iechyd Prifysgol
Betsi Cadwaladr
University Health Board

DISGRIFIAD SWYDD

MANYLION Y SWYDD:

Teitl y Swydd	Ffisiolegydd Cardiaidd
Band Cyflog	5
Oriau Gwaith a Natur y Cytundeb	37.5 awr yr wythnos + ymrwymiad ar alwad
Uwch Adran/Cyfarwyddiaeth	Gofal heb ei Drefnu
Adran	Ffisioleg Gardiaidd
Lleoliad	I'w gwblhau wrth recriwtio

TREFNIADAU SEFYDLIADOL:

Yn atebol yn rheolaethol i:	Pennaeth Ffisioleg Cardiaidd
Yn adrodd i: Enw'r Rheolwr Llinell	Claire Gallagher
Yn gyfrifol yn broffesiynol i:	Pennaeth Ffisioleg Cardiaidd Prif Ffisiolegwyr Cardiaidd Uwch Ffisiolegwyr Cardiaidd

Crynodeb/pwrpas y swydd:

Fel gweithiwr BIPBC, cynorthwyo i ddarparu gwasanaeth i wella iechyd y boblogaeth, a darparu gofal rhagorol drwy fabwysiadu ei werthoedd drwy:

- Rhoi'r defnyddwyr gwasanaeth yn gyntaf
- Gweithio gyda'n gilydd
- Gwerthfawrogi a pharchu ein gilydd
- Dysgu ac Arloesi
- Cyfathrebu'n agored ac yn onest

Cyfrannu at wasanaeth o safon uchel sy'n canolbwyntio ar y defnyddiwr gwasanaeth dan oruchwyliaeth uwch ffisiolegwyr a'r prif ffisiolegydd cardiaidd a Phennaeth Ymchwiliadau Cardioleg.

Cyfrannu at gyflawni gwasanaeth effeithiol ac effeithlon, gan nodi'r angen am welliannau posibl a'u cyfathrebu.

Ymgymryd ag ystod eang o archwiliadau cardiaidd a'u cynorthwyo.

Sicrhau cydymffurfiaeth â pholisïau, gweithdrefnau gweithredu safonol ac arferion gwaith BIPBC.

DYLETSWYDDAU/ CYFRIFOLDEBAU:

Cyfathrebu;

Cyfathrebu'n effeithiol ar lafar ac yn ysgrifenedig gyda chleifion, aelodau'r adran a staff gofal cychwynnol.

Gallu darparu a derbyn gwybodaeth cymhleth ac weithiau'n sensitif iawn yn ymwneud â chlefyd cardiaidd yn ogystal â phroblemau a chyflyrau meddygol eraill.

Y gallu i ddelio'n hyderus ac yn broffesiynol gydag amrywiaeth o gleifion; gan gynnwys cleifion paediatreg neu oedrannus neu gleifion a allai fod wedi'u drysu, yn feddw, yn cymryd meddyginiaeth gref, yn ymosodol neu ag anghenion arbennig lle mae rhwystrau aml at gyfathrebu.

Delio mewn modd perswadiol ac ysgogol â chleifion sy'n wael iawn a chleifion emosiynol iawn sy'n cael profion cardioleg, gan ofyn am ddealltwriaeth, cydweithrediad ac ymdrech mwyaf cleifion.

Deall ffiniau eu rôl, gwybod pryd i gael cymorth neu gyngor gan rhywun sydd â mwy o brofiad ac sy'n fwy cymwys.

Cysylltu â staff y ward a'r adran.

Helpu i gynnal goruchwyliaeth cardiolegwyr a staff gweinyddol.

Pennu beth sydd angen i ddeilydd y swydd ei wneud;

Hyfedr yn dechnegol fel ymarferydd annibynnol mewn triniaethau cardioleg, mae hyn yn cynnwys:

- Rhoi electrocardiograffeg 12 gwifren
- Rhoi offer recordio ECG amrywiol.
- Rhoi monitor pwysedd gwaed
- Rhoi offer recordio ECG amrywiol.
- Dadansoddi ECG 12 gwifren
- Dadansoddi recordiadau ECG gan greu adroddiad ffeithiol, a all effeithio ar reolaeth glinigol claf.
- Profi Ymarfer Straen - Gallu cael recordiadau cywir o'r electrocardiogram cardiaidd

a gweithio ochr yn ochr â meddygon neu ffisiolegwyr cardiaidd. Mae angen cyfathrebu da gyda'r claf i sicrhau eu bod yn deall y prawf yn llawn.

- Hyfforddiant mewn mewnblannu rheoliadur y galon yn barhaol - cofnodi profion gweithrediad gwifren gywir i arwain mewnblaniad gwifren rheolyddion cardiaidd yn ddiogel. Cofnodi canlyniadau, rhoi gwybod i'r ffisigwr priodol am unrhyw fethiannau/problemau. Cefnogaeth i gleifion drwy'r driniaeth.
- Angiograffi diagnosteg - Monitro mesurau ffisiolegol cardiaidd yn ystod y driniaeth a'u cofnodi, gan gynnwys adfywiad llinell gyntaf gyda diffibrilio, neu gynorthwyo gyda gosod pwmp balŵn a gwifrau rheolyddion dros dro.
- Angiograffi ymyriadol; h.y PCI, Stent ayb - monitro mesurau ffisiolegol cardiaidd a'u cofnodi ar gyfer adroddiad clinigol. Sicrhau bod y ffisigwr yn cael gwybod am unrhyw newidiadau clinigol

Disgrifio'r dasg sydd angen ei chwblhau

Cynnal archwiliadau cardiaidd sy'n cynorthwyo yn rheolaeth glinigol cleifion sy'n cael archwiliadau cardiaidd o fewn yr uned archwiliadau cardioleg.

Diweddarau dolen gofnodi a data rheolyddion y galon ar y system cofnodi briodol.

Yn gwybod am bolisiau a gweithdrefnau'r ysbyty, a sicrhau bod y safonau hyn yn cael eu bodloni.

Codi proffil y ffisiolegydd drwy hybu mentrau arfer da o fewn y gyfarwyddiaeth cardioleg ac ymhellach.

Cadw ar y blaen â datblygiadau cyfredol ym maes cardioleg gan gynnwys gwaith arloesol a gynhaliwyd mewn ymchwil. Yn ymwybodol o ganlyniadau'r dyfodol ar gyfer datblygiad gwasanaethau cardioleg gyfredol

Nodwch yn gryno bwrpas y gweithgaredd o ran allbwn neu safonau i'w cyflawni;

Cynnal cofnodion cleifion i sicrhau bod gwybodaeth yn gywir ac yn gyfredol ar gyfer cyfeirio atynt yn y dyfodol ac yn cydymffurfio â'r 'Ddeddf Diogelu Data.' (yn ddyddiol).

Cynghori â'r ffisiolegwyr cardiaidd, Cardiolegwyr a staff meddygol eraill i helpu i lunio cynlluniau gofal fel bo angen.

Pennu, cynllunio a chynnal yr archwiliad Cardioleg addas i asesu sefyllfa ffisiolegol y claf a natur a maint yr anhwylderau a'r abnormaleddau sydd gan y claf.

Canfod unrhyw rybuddion posibl rhag unrhyw fath o archwiliad Cardioleg.

Derbyn a helpu cleifion a/neu ofalwyr i baratoi ar gyfer archwiliadau Cardioleg.

Cael gwybodaeth ychwanegol a fydd yn helpu gyda chynllunio a pharatoi archwiliadau Cardioleg.

Cefnogi cleifion a/neu ofalwyr yn ystod triniaethau archwilio Cardioleg.

Darparu goruchwyliaeth dechnegol i “brofion straen” archwiliadau cardiofasgwlaidd sydd wedi’u cynllunio i beryglu gwaith y galon ac sydd â’r potensial i roi canlyniadau peryglus/bygwth bywyd h.y. ataliad y galon.

Cymryd rôl weithredol wrth adfywio cleifion sy’n dioddef o gyfnodau ischaemig/ataliad y galon, yn arwain o archwiliadau clinigol a gynlluniwyd i bryfocio ischaemia’r galon.

Cynghori cleifion a/neu ofalwyr/tîm meddygol yn dilyn cwblhau triniaethau Cardioleg, diweddarau'r ddolen gofnodi a data rheolyddion a roddwyd i archwilio cyflwr.

Chwarae rôl ragweithiol wrth ymchwilio rheoliadur y galon a'u dilyniant.

Yn gyfrifol am osod dolenni cofnodi, eu lawr lwytho a'u trin. -

Rhoi cyngor i gydweithwyr gofal iechyd ar brotocolau cyfredol neu ar brotocolau sy’n cael eu datblygu sy'n ymwneud ag archwiliadau Cardioleg gan gynnwys digwyddiadau anffafriol ac achosion cyfreithiol/rheoleiddio.

Rhoi cyngor a gwybodaeth ar y defnydd o wasanaethau’r Adran i gydweithwyr gofal iechyd, cleifion a gofalwyr a rhanddeiliaid allanol.

Rhoi cyngor i glinigwyr a chydweithwyr sy’n cyfeirio, i benderfynu ar yr archwiliad Cardioleg fwyaf addas i fodloni anghenion clinigol.

Rhoi cyngor clinigol a phroffesiynol i randdeiliaid mewnol ac allanol ynghylch archwiliadau Cardioleg i fodloni anghenion clinigol.

Bod yn ymwybodol yn barhaus o ddatblygiadau Cardioleg gan sicrhau bod gwybodaeth a sgiliau’n cael eu datblygu’n gyson er mwyn cynnal gallu cyfredol.

Cofnodi holl ddulliau o fesurau Cardioleg i safonau perfformiad a gytunwyd.

Asesu a chynnal offer a dyfeisiadau ar gyfer defnydd diogel yn ystod archwiliadau Cardioleg.

Cyfleu gwybodaeth dechnegol yn ymwneud ag offer i gydweithwyr gofal iechyd, cleifion, gofalwyr a chyflenwyr.

Calibro fel bo’r angen, a dilysu offer cyn ei ddefnyddio’n glinigol

Dadansoddi, gwneud diagnosis, cofnodi ac adrodd ar unrhyw ddiffygion ar offer.

Trin offer a nwyddau traul a'u cadw o fewn cyfyngiadau derbyniol a diogel, cynnal rheolaeth stoc ac archebion ar gyfer cyllideb ddirprwyedig nad ydynt yn gyflogau.

Cyfrannu at raglenni ymchwil, hyfforddiant a datblygu yn y gwasanaeth Cardioleg.

Cymryd rhan mewn rhaglenni archwilio clinigol a llywodraethu clinigol yn yr adran a ledled y Bwrdd Iechyd.

JOB DESCRIPTION

JOB DETAILS:

Job Title	Cardiac Physiologist
Pay Band	5
Hours of Work and Nature of Contract	37.5 hours per week + on call commitment
Division/Directorate	Unscheduled Care
Department	Cardiac Physiology
Base	To be completed on recruitment

ORGANISATIONAL ARRANGEMENTS:

Managerially Accountable to:	Head of Cardiac Physiology
Reports to: Name Line Manager	Claire Gallagher
Professionally Responsible to:	Head of Cardiac Physiology

	Chief Cardiac physiologists Senior cardiac physiologists
--	---

Job Summary/Job Purpose:

As an employee of BCUHB, assist in the delivery of a service to improve population health and provide excellent care by adopting its values to:

- Put service users first
- Work together
- Value and respect each other
- Learn and Innovate
- Communicate openly and honestly

Contribute to a service user focussed service of the highest quality under the supervision of senior, chief cardiac physiologists and the Head of Cardiology Investigations.

Contribute to the delivery of an efficient and effective service, identifying and communicating the need for possible improvements.

Undertake and assist with a wide range of cardiac examinations.

Ensure compliance with BCUHB policies, standard operating procedures and working practices.

DUTIES/RESPONSIBILITIES:

Communication;

Effectively communicate both verbally and in writing with patients, department members, and primary care staff.

Is able to provide and receive complex and sometimes highly sensitive information relating to cardiac disease as well as other medical issues and conditions.

Have the ability to deal confidently and professionally with patients; including paediatric or elderly patients, or patients who may be confused, intoxicated, heavily medicated, aggressive, or have special needs etc., where there are frequent barriers to communication.

Deal articulately and in a persuasive and motivational manner with extremely ill and highly emotive patients undergoing cardiology tests, eliciting maximal patient understanding, cooperation and effort.

Understand the boundaries of their role, knowing when to seek assistance or advice from someone with more experience and competence.

Liaise with ward and departmental staff.

Helps undertake supervision of cardiographers and administration staff

Stipulate what has to be done by the post holder;

To be technically proficient as an independent practitioner in cardiology procedures, this includes:

- Application of 12 lead electrocardiography
- Application of various ambulatory ECG recording equipment
- Application of ambulatory blood pressure monitors
- Application of various ambulatory ECG recording equipment
- Analysis of the 12 lead ECG
- Analysis of ambulatory ECG recordings producing a factual report, which may impact on the clinical management of the patient.
- Exercise Stress Testing – Ability to obtain an accurate recording of the cardiac electrocardiogram and work alongside doctors or cardiac physiologist. Good communication is required with the patient to ensure they fully understand the test.
- Training in permanent pacemaker implantation – Recording accurate lead function tests to guide a secure implantation of cardiac pacing leads. To record and document results, inform appropriate physician of any faults/problems. Support for patient throughout procedure.
- Diagnostic angiography – Monitor and recording of cardiac physiological measurements during the procedure, including first line resuscitation with defibrillation, or assistance in the insertion of balloon pump and temporary pacing wires.
- Interventional angiography; i.e. PCI, Stents etc. – monitor and recording of cardiac physiological measurements for a clinical report. Keep the physician fully informed of any clinical changes

Describe the task that has to be completed

Undertake cardiac investigations that aid in the clinical management of patients undergoing cardiac investigations within the cardiology investigations unit

Update loop recorder and pacing data on the appropriate reporting system

Be aware of hospital policies and procedures, and ensure these standards are being met.

Raise the physiologist profile by promoting good practice initiatives within the cardiology directorate and further afield.

Keep up to date with current developments in the field of cardiology including innovative work undertaken in research. To have awareness of future implications for development of current cardiology services

State briefly the purpose of the activity in terms of output or standards to be achieved;

Maintains patient records to ensure information is accurate and up-to-date for future reference and complies with the Data Protection Act (daily basis).

Consults with cardiac physiologists, Cardiologists and other medical staff to help devise care plans as and when required.

Determine, plan and perform the appropriate Cardiology investigation to assess the patient's physiological function and the nature and extent of the patient's disorders/abnormalities.

Identify possible contra-indications to any type of Cardiology investigation.

Receive and assist patients and/or carers to prepare for Cardiology investigations.

Obtain additional information that will assist with planning and preparing of Cardiology investigations.

Support patients and/or carers during investigative Cardiology procedures.

Provide technical supervision of cardiovascular investigations including "stress testing" which are designed to compromise cardiac function and have potentially hazardous / life threatening outcomes i.e. cardiac arrest

Take an active role in the resuscitation of patients suffering from ischaemic episodes / cardiac arrest, resulting from clinical examinations designed to provoke cardiac ischemia.

Advise patients and/or carers/medical team following completion of investigative Cardiology procedures, updating loop recorder and pacing data on the appropriate reporting system.

Play an active role in the interrogation and follow-up of pacemakers.

Responsible for the setting up, downloading and interrogation of loop recorders.

Provide advice to healthcare colleagues on existing or developing protocols relating to Cardiology investigations, including adverse incidents and legal/regulatory proceedings.

Provide advice and information on the use of the Department's services to healthcare colleagues, patients and carers and external stakeholders.

Provide advice to referring clinicians and colleagues to determine the most appropriate Cardiology investigation to meet clinical needs.

Provide clinical and professional advice to internal and external stakeholders relating to Cardiology investigations to meet clinical needs.

Maintain awareness of developments within Cardiology ensuring personal knowledge and skills are consistently developed in order to maintain currency of competency.

Record all modalities of Cardiology measurements to agreed performance standards.

Assess and maintain equipment and devices for safe use during Cardiology investigations.

Communicate technical equipment-related information to healthcare colleagues, patients, carers and suppliers.

Calibrate as required, and verify equipment prior to clinical use.

Analyse, diagnose, record and report any equipment faults.

Handle and store equipment and consumables within accepted and safe limits, maintaining stock control and requisitions for delegated non-pay budget.

Contribute to the research, training and development programmes within the Cardiology service.

When required participate in clinical audit and clinical governance programmes both departmental and Health Board wide.