

Northern Ireland

# General Practice Specialty Training



# Needs Assessment

**ST1 Induction Booklet (Aug 2021)**

Version 1.0 (August 2021)

Produced by the GP Specialty Training Team

# General Medicine - Needs Assessment



## How confident do you feel in the assessment, diagnosis and management of the following?

- \* Clinical Management, Data Gathering, Making a Diagnosis, Managing Complexity

## How confident do you feel in the assessment, investigation, diagnosis and management of the following conditions/situations? (Bear in mind this requires skills in acute, chronic, preventative, palliative and emergency care and a knowledge of the epidemiology of older people's problems).

- \* CVS e.g. new onset chest pain, palpitations, cardiac failure, hypertension, valve disease, cardiomyopathy, PTE
- \* Renal e.g. CKD, Renal Failure
- \* Respiratory e.g. Chronic respiratory disease, haemoptysis, indications for home oxygen, appropriateness of antibiotic prescribing
- \* Neurology e.g. CVA/TIA, Parkinson's, epilepsy and first fits, headache, MS and investigation of paraesthesia, tremor and abnormal movements
- \* Metabolic e.g. Diabetes (including diabetic foot), nutritional state, electrolyte imbalance, obesity, thyroid disease
- \* Musculoskeletal e.g. Rheumatoid arthritis (including used of DMARDs), poor mobility/deformity and pain management, indications for bloods, septic joint, soft tissue problems, systemic inflammatory conditions, connective tissue disease and impact on extra-articular organs, post traumatic conditions
- \* Gastroenterology e.g. inflammatory bowel disease, irritable bowel syndrome, dyspepsia, impact of diet and lifestyle on gut health, peptic ulcer, liver disease including NAFLD, red flags
- \* Haematology e.g. Leukaemia, Myeloma, Anaemia (all causes), interpreting blood results
- \* Addictions including alcohol and drug withdrawal, associated infections, poor nutrition, assessment of risk to self or others

## ACUTE/EMERGENCY SITUATIONS

- \* Chest pain (including impact of distance on treatment), LVF, PE, cardiac arrest, CVA
- \* GI bleed
- \* Hypo and hyperglycaemia conditions including DKA and HONK
- \* First fits and status epilepticus, SAH, meningitis
- \* Acute dyspnoea including asthma, infection, pneumothorax
- \* Anaphylaxis

## TECHNICAL SKILLS

- \* ECG, BP, BM testing, fundoscopy, inhaler techniques, joint injection, use of screening tools for alcohol and drug misuse

## INTERPRETATION OF RESULTS

- \* OGTT, PEFr/spirometry, DEXA, x-ray and indications for e.g. Ottawa rules

# General Medicine - Needs Assessment



## EXPLANATION OF PROCEDURE

* Echo, ETT, angiography, Doppler, 24 hr tape, colonoscopy/endoscopy, CT/MRI/MRA, LP, EEG, bronchoscopy, PFTs, pleural tap/biopsy, DEXA, inhaler techniques			
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## COMMUNICATION/WORKING WITH COLLEAGUES

* How confident do you feel about communicating and working with the following groups?			
* Colleagues e.g. handover arrangements			
* Allied healthcare professionals including specialist roles e.g. cardiac/rheumatology/diabetes specialist services			
* Relatives (patient confidentiality)			
* Patients including those with restricted ability to communicate			

## COMMUNITY ORIENTATION/PRACTISING HOLISTICALLY

* How confident do you feel about addressing issues related to, and co-ordinating the involvement of the following services?			
* The "Safe" discharge – liaison with community services (including physio, OT, dietitian, SW ) prior to discharge, and "immediate discharge teams"			
* Polypharmacy - community pharmacist involvement			
* Appreciation of social and psychological impact of chronic medical conditions on the patient and family			
* Health education advice including smoking cessation, weight reduction and self-management plans e.g. for asthmatics and diabetics			
* Implications of incapacity for work with chronic medical conditions and use of Fit notes			
* Barriers to access			
* National screening programmes including bowel and cervical			
* Charitable organizations providing support for patients and their families			

## MAINTAINING ETHICAL APPROACH/MEDICOLEGAL DNARS

How confident do you feel about your knowledge of the following issues and how to apply the theories in practice?

* Adults with Incapacity/Power of Attorney DNARS			
* Competency and consent including refusal of treatment and emergency treatment			
* Driving Regulations			
* Respect for values, beliefs, dignity and autonomy of the patient			
* Recognition of own prejudices in relation to particular conditions or states e.g. obesity, smoking related illness, drug and alcohol users			
* Maintaining Performance/Learning and Teaching			
* How confident do you feel with undertaking the following?			
* Audit			
* Significant Event Analysis			
* Presenting			
* Dr as teacher			
* Leadership			

# Emergency Medicine - Needs Assessment



## Clinical Management, Data Gathering, Making a Diagnosis, Managing Complexity

How confident do you feel in the assessment, investigation, diagnosis and management of the following situations?

* Recognition of the sick child			
* Wound assessment and management			
* Ophthalmological conditions including recognition of emergencies and assessment of the eye			
* Assessment & initial management of fractures & musculoskeletal injuries/conditions			
* Management of acute decompensation of diabetic patients			
* Assessment of psychiatric patients including confused/acute psychosis and alcohol and/or drug intoxication/OD			
* Management of unwell elderly patients and associated challenges for discharge from A/E			
* Management of PTE			
* Familiarisation with conditions seen in minor injuries and how to manage			
* Knowledge of the principles of triage			
* Recognition of deterioration in patient condition and appropriate escalation of care and team input			

## Acute/Emergency situations

* Resuscitation and airways management			
* Haemorrhage and the management of hypovolaemia and acute arterial bleeding			
* How confident do you feel in the assessment, investigation, diagnosis and management of the following situations?			
* "Collapse" and LOC/reduced GCS			
* Chest pain - suspected myocardial infarction, CCF			
* Acute abdomen			
* Trauma - assessment and initial management of multiply injured patient including head injured and c-spine injured patients			
* Acute respiratory compromise including acute asthma/COPD			
* Anaphylaxis			
* Meningitis/meningococcal septicaemia			

## Technical Skills

* Interpretation of x-rays			
* Bladder catheterisation			
* Suturing and simple dressings of wounds and burns			
* Use of slit lamp in assessment of the eye including removal of foreign body			
* Airways management, ALS			
* Drainage of abscesses and joint aspiration			
* The opportunity for chest drain insertion, ascetic and pleural aspiration are useful but not essential in this placement			

# Emergency Medicine - Needs Assessment



## Communication/Working with Colleagues

How confident do you feel about communicating and working with the following groups?

* Other services including emergency social work, ambulance service and police			
* Liaising with medical colleagues including hospital consultants, GP, OOH for specialist care or follow up			
* Breaking bad news to relatives in the acute setting			
* Educating patients where there is inappropriate use of the A/E , re-direction to other services			
* Ability to show leadership qualities as necessary in a team whilst also working within limits of own competence			

## Community Orientation/Practising Holistically

How confident do you feel about addressing issues related to, and co-ordinating the involvement of the following services?

* Knowledge of and co-ordination of immediate discharge teams			
* Maintaining professional approach in acute setting and at all times respecting the patient's dignity			
* Educating patients where there is inappropriate use of A&E, redirection to other services			
* Liaison with GP, social work, district nurse etc			
* Impact of ethnic/cultural factors on patient presentation and management			

## Maintaining an Ethical Approach/Medicolegal issues

How confident do you feel about your knowledge of the following issues and how to apply the theories in practice?

* Mental Health Act/Adults with Incapacity/Power of Attorney/DNARs			
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## Competency and consent and confidentiality

* Record keeping, court appearances, sudden deaths			
* Respect for values, beliefs, dignity and autonomy of the patient			
* Child protection issues – identification of and inclusion of appropriate services			
* Notifiable diseases			

## Maintaining Performance/Learning and Teaching

How confident do you feel with undertaking the following?

* Taking care of Self - finding ways to process and “dump” emotions related to stress, time pressure and dealing with traumatic and challenging cases.			
* Audit and Significant Event Analysis			
* Presenting			
* Dr as teacher			
* Leadership			





# O&G - Needs Assessment



## ACUTE PRESENTATIONS

* Bleeding in pregnancy			
* Suspected Ectopic pregnancy			
* Domestic Violence			
* Puerperal psychosis/severe depression			

## TECHNICAL AND ASSESSMENT SKILLS

* Vaginal examination including bimanual palpation of uterus and speculum examination and cervical smear			
* Examination of pregnant abdomen and cervix			
* Female catheterisation			
* Insertion of ring pessary, or parenteral contraceptive devices including implanon and coils			
* Use of post natal depression scoring tools			
* EXPLANATION TO PATIENT of surgical procedures including caesarean section, laparoscopy, hysterectomy, oophorectomy, ovarian cystectomy, pelvic floor repair, termination of pregnancy and sterilization, colposcopy			
* Limitations of testing for HIV			

## How confident do you feel about communicating and working with the following groups?

* Patients - sensitive discussion about sexuality and intimate issues including taking a sexual history and sexual and emotional abuse			
* Partners			
* Colleagues			
* MDT e.g. SW, MW, health visitor			
* Community Orientation/Practising Holistically			

## How confident do you feel about addressing issues related to, and co-ordinating the involvement of the following services?

* Health Visitors and Social work			
* Pregnancy care including health promotion, social and cultural factors, smoking and alcohol, diet, age factors and previous obstetric history			
* Cervical and breast screening services including discussion of benefits and limitations			
* Specialist Obstetric Clinics e.g. IVDA's and teenage mums			
* Barriers to access including choice and availability of female doctors			
* Impact of ethnicity and culture on issues of women's health			
* Maintaining an Ethical Approach/Medicolegal issues			

## How confident do you feel about your knowledge of the following issues and how to apply the theories in practice?

* Antenatal testing			
* Termination of Pregnancy including recognition of own beliefs			
* Partner notification in the setting of STI			
* Contraception for minors			
* Awareness of own beliefs and prejudices regarding e.g. sexuality, termination			
* Partner notification in the setting of STI			
* Maintaining Performance/Learning and Teaching			

## How confident do you feel with undertaking the following?

* Audit			
* Significant Event Analysis			
* Presenting			
* Dr as teacher			

# Paediatrics - Needs Assessment



How confident do you feel in the assessment, diagnosis and management of the following?

## Clinical Management, Data Gathering, Making a Diagnosis, Managing Complexity

- \* How confident do you feel in the assessment, investigation, diagnosis and management of the following conditions/situations? (This requires skills in acute, Chronic, preventative and emergency care and a knowledge of the epidemiology of children /younger people's problems).


## SYMPTOMS – do you feel comfortable creating a differential diagnosis for the presentations below and a framework for further investigation?

- \* Abdominal Pain
- \* Behavioural Problems
- \* Developmental delay
- \* Failure to thrive and growth disorders
- \* Vomiting, fever, drowsiness


## CONDITIONS

- \* CVS e.g. heart murmur and congenital heart defects
- \* Renal/GU e.g. UTI, enuresis
- \* Respiratory e.g. bronchitis, croup, cough/dyspnoea, wheeze


## How confident do you feel in the assessment, investigation, diagnosis and management of the following conditions/situations? (This requires skills in acute, chronic, preventative and emergency care and a knowledge of the epidemiology of children /younger people's problems).

- \* Neurology e.g. learning disability, cerebral palsy, epilepsy
- \* Mental Health e.g. depression/anxiety, eating disorders, ADHD, autism, substance misuse and self harm
- \* Metabolic e.g. Diabetes
- \* Musculoskeletal e.g. arthritis, poor mobility/deformity & fractures
- \* Gastroenterology e.g. constipation, pyloric stenosis, colic, gastroenteritis, encopresis
- \* Dermatology e.g. rashes related to viral illness, eczema, wound management
- \* Haematology e.g. leukaemia and lymphoma
- \* ENT e.g. foreign bodies, otitis media/externa, deafness
- \* Neonatal problems e.g. feeding, jaundice, poor weight gain, sticky eye
- \* Acute/Emergency Situations and Conditions e.g. meningitis, CR arrest including choking, asthma, febrile convulsions, recognition of unwell child, anaphylaxis, poisoning, head injury, burns, non-accidental injury


## TECHNICAL AND ASSESSMENT SKILLS e.g. venepuncture, CPR, developmental assessment of newborn and toddler

- \* NORMAL e.g. developmental milestones, vitals

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# Paediatrics - Needs Assessment



## Communication/Working with Colleagues

How confident do you feel about addressing issues related to, and co-ordinating the involvement of the following services?

*	Patients e.g. encouraging contribution where appropriate, unco-operative child			
*	Parents e.g. respect and support, encouraging skill development, anxious parent			
*	MDT e.g. SW, MW, health visitor			
*	Carers			
*	Care of children with chronic conditions			
*	Pharmacy – correct calculation of dosages for children			

## Community Orientation/Practising Holistically

*	Secondary care			
*	Health Visitors and Social work			
*	Child protection issues and non accidental injury			
*	Childhood Immunisation			
*	Awareness of impact of parental problems on health of unborn baby			
*	Health Promotion e.g. breastfeeding, healthy diet, smoking cessation, self management of minor illness			

## Maintaining an Ethical Approach/Medicolegal issues

How confident do you feel about your knowledge of the following issues and how to apply the theories in practice

*	Competency and consent in the minor			
*	Changes in autonomy with increasing age			
*	Confidentiality			

## Maintaining Performance/Learning and Teaching

How confident do you feel with undertaking the following?

*	Audit			
*	Significant Event Analysis			
*	Presenting			
*	Dr as teacher			

# Psychiatry - Needs Assessment



**How confident do you feel in the assessment, diagnosis and management of the following?**

* Clinical Management, Data Gathering, Making a Diagnosis, Managing Complexity			
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**How confident do you feel in the assessment, investigation, diagnosis and management of the following situations?**

* Epidemiology of psychiatric and addiction problems in Scotland			
* Mental health problems in young people			
* Epidemiology of psychiatric and addiction problems in NI			
* Mental health problems in young people			
* Awareness and guidance available for mental health conditions e.g. SIGN, NICE			

**SYMPTOMS - do you feel comfortable creating a differential diagnosis for the presentations below and a framework for further investigation?**

* Anxiety			
* Early signs of psychosis			
* Insomnia			
* Mood disturbance (including differentiation between depression and emotional distress)			
* Multiple somatic complaints including "Tired all the time"			
* Psychiatric problems relating to learning disabilities			
* Emotional and behavioural disorders, sexual and physical abuse, schizophrenia, bipolar affective disorder, Alzheimer's disease in Down's Syndrome			
* Symptoms of alcohol problems			
* Manifestations: accidents, victim of violence, obesity, dyspepsia, erectile dysfunction, fits, foetal alcohol syndrome, liver damage, anaemia, neurological and psychological problems			

**CONDITIONS**

* Anxiety disorders			
* Bipolar disorder			
* Depressive disorders			
* Eating disorders			
* Obsessive compulsive disorders			
* Post traumatic stress disorder			
* Schizophrenia			
* Addictions			
* Epidemiology of psychiatric and addiction problems in NI			

**Acute/Emergency Situations and conditions e.g.**

* Acute psychosis			
* Aggressive or violent patients			
* Delirium			
* Drug overdose			
* Panic			
* Threatened or attempted suicide			
* Seizure related to alcohol or drug use/withdrawal			
* Use of emergency sedation			

**TECHNICAL AND ASSESSMENT SKILLS**

* Assessing risk			
* Depression screening			

# Psychiatry - Needs Assessment



**How confident do you feel in the assessment, investigation, diagnosis and management of the following situations?**

* Alcohol screening tools e.g. CAGE, AUDIT and withdrawal scales			
* Use of urine testing in the management of drug misuse			
* Brief intervention for alcohol excess			
* Understanding of/explanation to patient			
* Brief intervention for alcohol excess			
* Non pharmacological treatments including psychological therapies e.g. CBT			

## Communication/Working with Colleagues

How confident do you feel about communicating and working with the following groups?

* Patients including sensitive history taking in those with altered mental state, empathy for distressed patients and motivational interviewing			
* Specialist mental health services			
* MDT e.g. SW, Addiction Counsellors, CPNs, Clinical Psychology, citizen's advice bureau			
* Relatives			

## Community Orientation/Practising Holistically

How confident do you feel about addressing issues related to, and co-ordinating the involvement of the following services?

* MDT e.g. SW, Addiction Counsellors, CPNs, Clinical Psychology			
* Out of Hours Psychiatric services and crisis management			
* Community detox/rehab			
* Dealing with uncertainty associated with frequent attenders, drug seekers and chronic suicidality in borderline personality disorders			
* Stigma and social exclusion associated with mental health problems including difficulty accessing health services			
* Mental health promotion including strategies for maintaining "good" mental health			

**How confident do you feel in the assessment, investigation, diagnosis and management of the following situations?**

* mpact of psychological and psychiatric conditions on a person's ability to integrate with society including impact on work			
* Impact of psychological distress on physical symptoms			
* Safeguarding procedures for children and vulnerable adults			

## Maintaining an Ethical Approach/Medicolegal issues

How confident do you feel about your knowledge of the following issues and how to apply the theories in practice?

* Mental health act including emergency section			
* Capacity			
* Driving restrictions			
* Use of psychotropics to sedate patients for social reasons			

## Maintaining Performance/Learning and Teaching

How confident do you feel with undertaking the following?

* Significant Event Analysis			
* Presenting			
* Dr as teacher			
* Leadership			



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