

CLOSED CERTIFICATION GUIDELINES FOR GENERAL PRACTITIONERS



An Roinn Gnóthaí Fostaíochta
agus Coimirce Sóisialaí
Department of Employment Affairs
and Social Protection

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1. Introduction

Acute common health problems have the potential to progress to a state of chronic disability and dependence on long-term illness benefits. This continues in spite of huge increases in health budgets.

The number of people on long-term illness/disability schemes in Ireland has increased from circa 100,000 to 150,000 over the past 10 years, and the cost has increased from 700 million euro to 1.8 billion euro.

Expenditure on total short-term and long-term illness and disability payments has increased from 1.1 billion euro to 2.7 billion euro in the period 2001 to 2011, while the numbers in receipt of these payments has increased from 173,000 to 242,200 over the same period. Illness Benefit showed similar trends with expenditure increasing from 330 million euro to 876 million euro and the number of recipients growing from 51,000 to 73,000. (Appendix 1)

‘Closed Certification’ refers to the concept of having evidence-based, defined periods of recovery for common medical conditions, and common surgical procedures.

There is a wealth of evidence to show that employment is good for one’s mental and physical health and wellbeing and conversely, that unemployment is damaging to one’s mental and physical health and wellbeing. ¹

Claimants who move off benefits and (re)-enter the workforce generally experience improvements in income, socio-economic status, mental and general health and wellbeing. ¹

The longer a patient is off work the lower their chances of ever returning to work.

Early intervention in the acute stage is crucial, to achieve better health outcomes which should result in lower levels of absenteeism, increased productivity and less dependence on long-term illness benefits.

General Practitioners have a crucial role to play in this regard.

It is important, in the patient's interest, to consider whether certification and advice to stay off work is the most appropriate way to manage a patient's care. Prolonged absence from work may cause deterioration in a patient's condition. For most common health conditions, such as back pain and mild to moderate anxiety and depression, advice to stay at work, or return to work early, is recommended for a better clinical outcome.

The complexities and challenges that GPs face with certification deserve understanding and consideration.²

Closed certification guidelines for general practitioners should serve as an evidence-based assessment tool and resource, to assist GPs in the appropriate certification of patients **resulting in better health outcomes for their patients.**

The employee with the health problem, the general practitioner, the employer, the taxpayer and society in general should all be beneficiaries.

This booklet contains a list of guidelines for general practitioners regarding the expected duration of absence from work for a variety of acute common health problems and recovery periods from common uncomplicated surgical procedures. The guidelines cover c. 80% of all new claims and outcomes have been closely monitored in a research project. The aim of this project was to determine if the use of the guidelines would lead to a significant reduction in the progression of acute common health conditions to a state of chronic disability and dependence on long-term illness benefits, with resultant better health outcomes for patients.

For long-term serious and/or life threatening illness, it should be noted that certifiers' discretion should prevail. For the majority of less common conditions the DEASP database can be made available for reference.

The guidelines are intended to provide general practitioners with an **evidence-based tool to achieve better health outcomes for their patients.** They have been compiled for use in an Irish context with regard to evidence-based protocols on various health problems, which were developed by DEASP, and also with reference to the *Official Disability Guidelines 2013*,³ to *The Medical Disability Advisor: Workplace Guidelines for Disability Duration*,⁴ and to *The Renaissance Project*.⁵

The Renaissance Project won the award for **Best Patient / Public Education Project** at the **Irish Healthcare Awards, 2005**. This project proved that early intervention in patients with lower back pain resulted in a significant reduction in the progression to chronic disability and dependence on long term illness benefits.

For further information see :

www.welfare.ie/en/downloads/renaissance.pdf

Where co-morbidities exist, the duration for the most severe component condition should apply.

The ***Official Disability Guidelines (ODG) 2013***³ links together four U.S. government databases to provide length of disability experience.

1. **ICD-9-CM**. The International Classification of Diseases, 9th Revision, Clinical Modification.
2. **CDC-NCHS-NHIS**. The National Health Interview Survey (NHIS) is conducted annually by the National Centre for Health Statistics (NCHS) of the Centres for Disease Control and Prevention (CDC).
3. **OSHA-BLS-OID**. The Bureau of Labour Statistics reports annually on Occupational Injuries and Diseases (OID) from forms submitted by employers to the Occupational Safety and Health Administration (OSHA).
4. **HCUP**. The Healthcare Cost and Utilisation Project (HCUP) is a family of healthcare databases and related software tools and products developed through a Federal-State-Industry partnership and sponsored by the Agency for Healthcare Research and Quality (AHRQ) to create a national resource of patient-level care in the United States. HCUP includes the largest collection of longitudinal medical care data in the United States.

The ODG Guidelines are meant to be used to identify cases that are out of the norm, where questions may be asked, such as what makes them different.

The Author is a member of the Editorial Advisory Board of ODG.

These guidelines are based on “raw data” i.e. on actual experience, not “expert” opinion.

Although referred to during research, it was considered more appropriate to base the DEASP Guidelines primarily on the Medical Disability Advisor –Workplace Guidelines for Disability Duration, with some modifications for use in an Irish context, and the Renaissance Project.

*The Medical Disability Advisor: Workplace Guidelines for Disability Duration*⁴ are informed by statistical data but are also based on clinical judgement and clinical experience. It is the double input of statistical data and medical experience that allows for the protective “blinds” that may be described as the modified –Delphi approach.

In this respect, *The Medical Disability Guidelines* follow the principles of evidence-based medicine: they result from clinical judgement and clinical experience informed by statistical data, to provide a baseline that is both humane and rigorous.⁴

Irish Context

An expert medical group, consisting of an Occupational Physician, a Psychiatrist, and a Physician with special interest in Rheumatology, a Surgeon and a former General Practitioner, was set up. This group, by consensus clinical judgement and clinical experience, amended the durations, in some instances, generally by extending them, to make them more applicable to an Irish context.

DEASP Evidence-based Medical Protocols

Evidence-based Medical Protocols were developed following a review of accepted standard medical references and research of current literature. These protocols form a comprehensive knowledge base of up-to-date evidence-based research. The protocol documents are structured in the following manner:

- Overview and definition
- Epidemiology
- Aetiology
- Diagnosis
- Differential diagnosis and comorbidity
- Treatment

- Prognosis
- Guidelines for information gathering at the in-person assessment
- Analysis of effect on functional ability

The protocol documents were subjected to a rigorous internal review led by the Department's Chief Medical Officer (CMO) and an external expert review panel: Prof. Sir Mansel Aylward CB, Institute of Primary Care and Public Health, Cardiff School of Medicine and Prof. Bob Lewin, Cardiac Rehabilitation, Health Sciences, University of York.

A comprehensive list of 27 evidence based protocols are listed in table 1 below.

Detailed Medical Protocols (including references) are available on the DEASP website:
<http://www.welfare.ie/en/Pages/Medical-Review-and-Assessment.aspx>

The **‘Closed Certification Guidelines for GPs’** Research Project was approved by the **Quality in Practice and Standards in Ethics Committees of the ICGP** and the Project won the award for **‘Best Education Project- GP/Pharmacy’** at the **Irish Healthcare Awards 2014**.

Table 1 – List of Protocols

Mental Health	
	Depression, anxiety, stress and PTSD Intellectual disabilities Substance and drug dependency Alcohol dependency Eating disorders
Nervous System	
	Epilepsy Headaches Migraine
Respiratory System	
	Asthma COPD
Cardiovascular System	
	Ischaemic heart disease, cardiac failure Hypertension
General Alimentary System	
Musculoskeletal System	
	Renaissance- Back Renaissance –Neck and shoulder Rheumatoid Arthritis Osteoarthritis-Upper limbs Osteoarthritis-Lower limbs
Endocrine System	
	Thyroid Diabetes
Genitourinary System	
Obstetrics and Gynaecology	
ENT System	
Dermatology	
	Eczema, psoriasis Dermatitis
Miscellaneous	
	Chronic Fatigue Chronic pain Fibromyalgia

IMPORTANT

The Guidelines are designed to be used as an evidence-based assessment tool to assist certifiers to appropriately manage patients with acute common health problems, to prevent progression to chronic disability, and achieve better health outcomes.

These Guidelines are not prescriptive. There will be, undoubtedly, individual variations. Some patients will recover and be able to return to work before the recommended period has expired, others later.

Ultimately, the clinical judgement of the General Practitioner should prevail.

However, should the opinion of the GP differ from that of the patient, the GP could confidentially seek the independent opinion of a DEASP Medical Assessor (MA) and continue to issue certificates in the interim. Should the patient's opinion differ with that of the MA, she/he would be entitled to appeal and get the opinion of a second MA.

MA's will use the same guidelines but, nevertheless, form an opinion on a case by case basis. Should the patient disagree with the opinions of both MA's, she/he could appeal the decision to the independent Appeals Office.

Decisions of the Appeals Office are final and conclusive. However, in any particular case a judicial review may be sought or a case may be appealable to the High Court on a point of law.

2. Work categories

The *Dictionary of Occupational Titles (DOT)* ⁶ categorises work by physical demand characteristics as per the following table:

Table 2 – Physical Demand Characteristics of Work

Physical Demand Level	Occasional (0 – 33% of workday)	Frequent (34 – 66% of workday)	Constant (67 – 100% of workday)	Typical Energy Required (Metabolic Equivalents)
Light	20-35 lb	10-20 lb	5 lb	2.2 – 4.5
Moderate	50 – 75 lb	20 – 35 lb	10 – 15 lb	4.6 – 7.0
Heavy	100 lb +	50 lb +	20 lb +	7.5 +

Depending on the outcome of the examination, the length of time off work is influenced by the nature, or Category, of the job of the patient; Light, Moderate or Heavy category work.

In the case of Mental Health, the estimation is based on the severity of the illness: Mild, Moderate, Severe or Profound.

Below is a sample of different categories of work. (This list is a guide, and is by no means exhaustive).

The Irish Context

In Department of Employment Affairs and Social Protection, our work categories are further subdivided into Light/ Skilled; Light/Semi-skilled; Light/Lesser skilled. A similar principle applies across the Medium and Heavy Work categories.

WORK CATEGORIES	
EFFORT/SKILL	EXAMPLES OF WORK IN EACH CATEGORY
Light/Skilled	Professional, Managers, Academics, Supervisors.
Light/Semi-skilled	Office Workers (e.g., Typist, Receptionist, Telephonist), Sales Persons. Taxi Drivers, Couriers.
Light/Lesser-skilled	Shop Assistants, Caretakers, Security Officers.
Moderate/Skilled	Tradespersons (e.g., Fitter, Electrician, Plumber, Printer, Hairdresser), Health Care Worker (eg. Nurse, Physiotherapist).
Moderate/Semi-skilled	Factory Workers, Machine Drivers (e.g., Forklift), Cleaners, Waiter/Waitress, Postal Workers, Child Care Workers.
Moderate/Lesser-skilled	Domestic Attendants, Kitchen Workers.
Heavy/Skilled	Tradespersons (e.g., Bricklayer, Carpenter, Machinist, Panel Beater, Baker, Cook, Butcher), Transport Driver (HGV/PCV).
Heavy/Semi-skilled	Nursing Assistant, Industrial Cleaners.
Heavy/Lesser-skilled	General Operatives (e.g., Construction, Farm Workers), Refuse Collectors.

3. Acute Common Medical Conditions

³¹ Acute Respiratory and Gastrointestinal Conditions.⁷⁻²⁶

Upper respiratory infection (URI) is the most common acute illness and includes acute nasopharyngitis, acute bronchitis, acute sinusitis, pharyngitis and influenza. The vast majority of URIs are mild, self-diagnosed and self-treated at home.

Acute nasopharyngitis is a self-limited syndrome caused by viral infection of the upper respiratory tract mucosa.

Many patients will have recovered sufficiently to return to work without the need for DEASP certification.

Hence, 0-1 week is the recommended period of certified absence from work.

Asthma is a very common respiratory condition, the prevalence of which has risen exponentially over the past 40 years, and is estimated to be increasing globally at a rate of 50% per decade.⁷

**GUIDELINES TO CLOSED CERTIFICATION IN ACUTE RESPIRATORY AND
GASTROINTESTINAL CONDITIONS.**

(References: 7 - 26)

	WORK CATEGORY (WEEKS)			ICD-10	ICPC-2
	LIGHT	MODERATE	HEAVY		
Acute Nasopharyngitis	0-1	0-1	0-1	J00	R80
Sinusitis/Laryngitis/Tonsillitis	0-1	0-1	0-1	J01 – J04.0	R75/76/77
Acute URTI	0-1	0-1	0-1	J00 – J06	R74
Hay Fever	0-1	0-1	0-1	J30.1	R97
Otitis Media	0-1	0-1	0-1	H66.9	H71
Acute LRTI	1 – 2	1 – 2	1 – 2	J20/J40	R78/R81
Asthma (acute exacerbation)	0 – 1	0 – 1	0-1	J45	R96
Gastroenteritis	1	1	1	K52	D73

Many acute respiratory and gastrointestinal conditions are mild and resolve within a few days, either spontaneously or with appropriate treatment.

In the case of non-specific or Simple Back Pain (SLBP), advice to continue ordinary activities of daily living as normally as possible despite the pain can give equivalent or faster symptomatic recovery from the acute symptoms, and leads to shorter periods of work loss and fewer recurrences than the “traditional” medical treatment (advice to rest and “let pain be your guide” for return to normal activity).

Most patients with SLBP are able to continue working or return to work within a few days or weeks, even if they still have some residual or recurrent symptoms, and they do not need to wait until they are completely pain free. ¹

The ***European COST Action B13 Guidelines*** ²⁷ for the management of acute non-specific Low Back Pain in Primary Care recommends the use of the Diagnostic Triage to identify Simple Low Back Pain to determine its best management. ²⁷

Diagnostic Triage

- Simple Low Back Pain
- Nerve Root Pain.
- Potential Serious Spinal Pathology, e.g. tumour, infection.
- Inflammatory Disorders, e.g. Ankylosing Spondylitis, Arthritis

The DEASP diagnostic triage and other assessment tools shown below are solely for informational purposes.

RENAISSANCE BACK DIAGNOSTIC TRIAGE (This may also be applied to neck pain)

1.6 MUSCULOSKELETAL SYSTEM

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1.6.4 RENAISSANCE - BACK

Department of Social Protection

MUSCULO-SKELETAL BACK DIAGNOSTIC TRIAGE

	YES	NO
1. SIMPLE LOW BACK PAIN		
20 - 50 years	<input type="checkbox"/>	<input type="checkbox"/>
L/S region, buttocks and thighs	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical in nature	<input type="checkbox"/>	<input type="checkbox"/>
Patient well	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
2. NERVE ROOT PAIN		
Unilateral leg pain, worse than lower back pain	<input type="checkbox"/>	<input type="checkbox"/>
Radiates generally to foot or toes	<input type="checkbox"/>	<input type="checkbox"/>
Numbness & paraesthesia in same direction	<input type="checkbox"/>	<input type="checkbox"/>
Nerve irritation signs - SLR restricted	<input type="checkbox"/>	<input type="checkbox"/>
Nerve compression signs - motor, sensory or reflex changes	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
3. POTENTIAL SERIOUS SPINAL PATHOLOGY		
Age: onset under 20 years or over 50 years	<input type="checkbox"/>	<input type="checkbox"/>
Violent trauma relative to age, e.g., fall from a height in young patient, or heavy lift from older person with osteoporosis. could indicate fractures	<input type="checkbox"/>	<input type="checkbox"/>
Constant, progressive, non-mechanical pain	<input type="checkbox"/>	<input type="checkbox"/>
Thoracic pain	<input type="checkbox"/>	<input type="checkbox"/>
Past history - Carcinoma, Immune Suppression (from use of steroids, or HIV)	<input type="checkbox"/>	<input type="checkbox"/>
Systemically unwell, weight loss, infection	<input type="checkbox"/>	<input type="checkbox"/>
Persisting, severe restriction of lumbar flexion	<input type="checkbox"/>	<input type="checkbox"/>
Widespread neurological signs and symptoms	<input type="checkbox"/>	<input type="checkbox"/>
Structural deformity	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
3.1 INFLAMMATORY DISORDERS (ANKYLOSING SPONDYLITIS & RELATED DISORDERS)		
Marked morning stiffness	<input type="checkbox"/>	<input type="checkbox"/>
Persisting limitation of spinal movements	<input type="checkbox"/>	<input type="checkbox"/>
Peripheral joint involvement	<input type="checkbox"/>	<input type="checkbox"/>
Iritis, skin rashes (psoriasis), colitis, urethral discharge	<input type="checkbox"/>	<input type="checkbox"/>
Family history	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
3.2 CAUDA EQUINA SYNDROME		
Difficulty with micturition	<input type="checkbox"/>	<input type="checkbox"/>
Sphincter disturbance	<input type="checkbox"/>	<input type="checkbox"/>
Gait disturbance	<input type="checkbox"/>	<input type="checkbox"/>
Saddle anaesthesia (perineal area).	<input type="checkbox"/>	<input type="checkbox"/>

GUIDELINES TO CLOSED CERTIFICATION IN BACK CONDITIONS

(References: 27 – 36)

May also be applied to Neck Pain

	WORK CATEGORY (WEEKS)			ICD-10	ICPC-2
	LIGHT	MODERATE	HEAVY		
PAIN					
Simple Low Back Pain	1	2	4	M54.5	L02/L03
Nerve Root Pain	4	8	16	M54.3	L86
DISCECTOMY					
Cervical	8	12	16		
Thoracic	9	13	18		
Lumbar	6	12	16		
DISC FUSION					
Cervical	8	12	16		
Thoracic	12	16	Certifier's discretion		
Lumbar	12	16	Certifier's discretion		
POTENTIALLY SERIOUS SPINAL PATHOLOGY	Certifier's discretion				

Acute common mental health conditions, such as mild to moderate anxiety and depression, are increasingly progressing to a state of chronic disability and absence from work. The World Health Organisation projected that, by 2020, depression would be the second leading cause of disability and disease burden in the developed world, with the age group of adults 15-44 already having reached that level. ³⁷ However, recent studies suggest that this ranking may well rise even sooner, with depressive illness soon becoming the highest cause of disability worldwide. ³⁸

There is a wealth of evidence to show that employment is good for one's mental and physical health and wellbeing and that unemployment is damaging to one's mental and physical health and wellbeing. Patients who move off benefits and (re)-enter the workforce generally experience improvements in income, socio-economic status, mental and physical wellbeing.

In general, provided care is taken to make work safe and satisfactory, employment can promote health and wellbeing, and the benefits outweigh any 'risks' of work and the adverse effects of (long-term) unemployment or sickness absence. ¹

The longer a patient is off work, the lower their chances of ever returning to work.

Early intervention and support are crucial in enabling a patient with common mental health conditions to remain in work or return to work early.

The recommended approach to assessing a patient's functional ability is to ask them to describe their average day. This will allow an evaluation of the nature and severity of their disability in relation to simple tasks in terms of comprehension, learning, concentration, memory and motivation. It will also provide an indication of any need for guidance, prompting or supervision.

MENTAL HEALTH ASSESSMENT

1.1 MENTAL HEALTH ASSESSMENT

1.1.1 DEPRESSION/ANXIETY/STRESS/PTSD

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NORMAL	YES	NO
Capable of usual ADLs	<input type="checkbox"/>	<input type="checkbox"/>
Continues usual interests & hobbies	<input type="checkbox"/>	<input type="checkbox"/>
Maintains social contacts with family and/or friends	<input type="checkbox"/>	<input type="checkbox"/>
Can travel alone on public transport	<input type="checkbox"/>	<input type="checkbox"/>
Absence of biological symptoms	<input type="checkbox"/>	<input type="checkbox"/>

MILD	YES	NO
Reduced interest in work & hobbies	<input type="checkbox"/>	<input type="checkbox"/>
Reduced social contact with family and/or friends	<input type="checkbox"/>	<input type="checkbox"/>
Poor sleep or concentration	<input type="checkbox"/>	<input type="checkbox"/>
Short-term (isolated/intermittent) anxiety or stress reaction	<input type="checkbox"/>	<input type="checkbox"/>
Copes well with attending assessment	<input type="checkbox"/>	<input type="checkbox"/>
Receiving anxiolytic and/or anti-depressant treatment	<input type="checkbox"/>	<input type="checkbox"/>

MODERATE	YES	NO
Downcast gaze and poor eye contact	<input type="checkbox"/>	<input type="checkbox"/>
Avoidant/irritable/hyper-vigilant behaviour	<input type="checkbox"/>	<input type="checkbox"/>
Additional mental health problem(s)	<input type="checkbox"/>	<input type="checkbox"/>
Occasional suicidal ideation	<input type="checkbox"/>	<input type="checkbox"/>
Persistent PTSD symptoms years after stressor	<input type="checkbox"/>	<input type="checkbox"/>
Receiving anxiolytic and/or anti-depressant treatment	<input type="checkbox"/>	<input type="checkbox"/>
Attending Psychiatric OPD	<input type="checkbox"/>	<input type="checkbox"/>
Death of partner or 1 degree relative in last 6 months	<input type="checkbox"/>	<input type="checkbox"/>

SEVERE	YES	NO
Attending Psychiatric Day Hospital	<input type="checkbox"/>	<input type="checkbox"/>
Recurrent Depressive episodes	<input type="checkbox"/>	<input type="checkbox"/>
Socially isolated with significant lifestyle restrictions	<input type="checkbox"/>	<input type="checkbox"/>
Unkempt appearance	<input type="checkbox"/>	<input type="checkbox"/>
Poverty of Speech	<input type="checkbox"/>	<input type="checkbox"/>
Tachycardia	<input type="checkbox"/>	<input type="checkbox"/>
Relies on family/friends to accompany them outside home	<input type="checkbox"/>	<input type="checkbox"/>
Receiving Lithium/Psychotropics or multiple drug therapy	<input type="checkbox"/>	<input type="checkbox"/>
Frequent suicidal ideation and/or suicidal action in past 12 months	<input type="checkbox"/>	<input type="checkbox"/>

PROFOUND	YES	NO
Incapable of independent living	<input type="checkbox"/>	<input type="checkbox"/>
Attempted suicide in past 6 months	<input type="checkbox"/>	<input type="checkbox"/>
Persistent suicidal ideation	<input type="checkbox"/>	<input type="checkbox"/>
Recurrent Psychiatric admission in past 12 months	<input type="checkbox"/>	<input type="checkbox"/>
Treated with ECT in past 12 months	<input type="checkbox"/>	<input type="checkbox"/>
Confined to home	<input type="checkbox"/>	<input type="checkbox"/>
Frequent home visits from GP/Psychiatrist/Psychiatric Nurse	<input type="checkbox"/>	<input type="checkbox"/>

GUIDELINES TO CLOSED CERTIFICATION IN MENTAL HEALTH

(References: 37 – 58)

	MILD	MODERATE	SEVERE	PROFOUND	ICD-10	ICPC-2
AFFECTIVE DISORDERS						
Depressive episode, Single	2	8	16	20	F32	P76
Depressive episode, Recurrent	2	10	20	24	F33	P76
Bipolar Affective Disorder	6	16	24	28	F31	
Schizoaffective Disorder	Certifier's Discretion				F25	
Schizophrenia	Certifier's Discretion				F20	P72
ANXIETY DISORDERS						
Panic Disorder	2	8	12	16	F41.0	P74
Panic Disorder, with Agoraphobia	2	8	16	20	F40.0	
Social Phobia	2	8	12	14	F40.1	P79
Specific Phobia	2	4	8	10	F40.2	P79
PTSD	6	12	18	20	F43.1	P82
OCD	4	8	12	16	F42	P79
Eating Disorders	4	12	24	28	F50	P86
SUBSTANCE ABUSE						
Alcohol/Drugs	2	12	18	Discretion	F10-F19	P15/16/ 18/19

The death rate for coronary heart disease has fallen in Ireland in the last two decades, in common with other industrialised societies. This is mainly due to improvements in both primary and secondary treatments (for example, cholesterol and blood pressure management, and improved care following myocardial infarction), and changes in lifestyle (for example a reduction in smoking). Ischaemic heart disease does not usually affect the individual's ability to undertake occupational activities. Failure to return to work following an episode of ischaemic heart disease, or a delay in returning, is associated with a poorer outcome and reduced quality of life.^{59, 60} There is no evidence to state that the more severe the ischaemia, or damage post myocardial infarction, the more likely it is that an individual will not return to work.^{59, 60}

Evidence suggests that the greater impacts on the individual's ability to return to work are reinforcement of positive psychological and social factors, accompanied by early discharge, followed by prompt rehabilitation.^{59, 60} An individual may have many perceptions about their ability to return to work - for example it is common to believe that occupations which have physical activities or jobs of certain natures will not be available to an individual with ischaemic heart disease. This is, almost always, not the case. Occupations which do not have physical activity have been shown to carry almost twice the risk of developing cardiovascular disease⁶⁰ and only a very small number of occupations absolutely preclude individuals with heart disease.⁶⁰ Whilst it is not possible to continue an occupation as a deep sea diver for example, it is possible to continue to fly as a professional pilot subject to a medical examination.⁶⁰ In commenting on patients' misconceptions, Professor Bob Lewin (in a chapter on psychological factors in cardiac rehabilitation) has stated that: "Lengthy periods of work avoidance make anxiety worse, and work is often an important source of self-validation and social support"⁶¹.

GUIDELINES TO CLOSED CERTIFICATION IN UNCOMPLICATED CIRCULATORY CONDITIONS

(References: 59 - 77)

	WORK CATEGORY (Weeks)			ICD-10	ICPC-2
	LIGHT	MODERATE	HEAVY		
Angina Pectoris, medical treatment effective	4	8	12	I20	K74
Angina Pectoris, percutaneous coronary intervention effective	2	3	4	I20	
Myocardial Infarction*	Discretionary	Discretionary	Discretionary	I21	K75
Hypertension**				I10/I15	K86
Heart Valve, Replacement	8	12	Discretionary		
Coronary Artery Bypass Graft (CABG)	12	16	20	I20	
Varicose Veins, Surgical Treatment	3	4	7	I83	K95

* The degree of myocardial infarction varies from one individual to another and its recovery depends on the patient's pre-morbid condition and response to treatment.

Generally, failure to return to work following an episode of ischaemic heart disease, or a delay in returning, is associated with a poorer outcome and reduced quality of life. ⁶⁰

** Benign Hypertension, of itself, is not a disabling condition. ^{62, 63, 64} If the hypertension is adequately treated with no end organ damage, it is not an impediment to work.

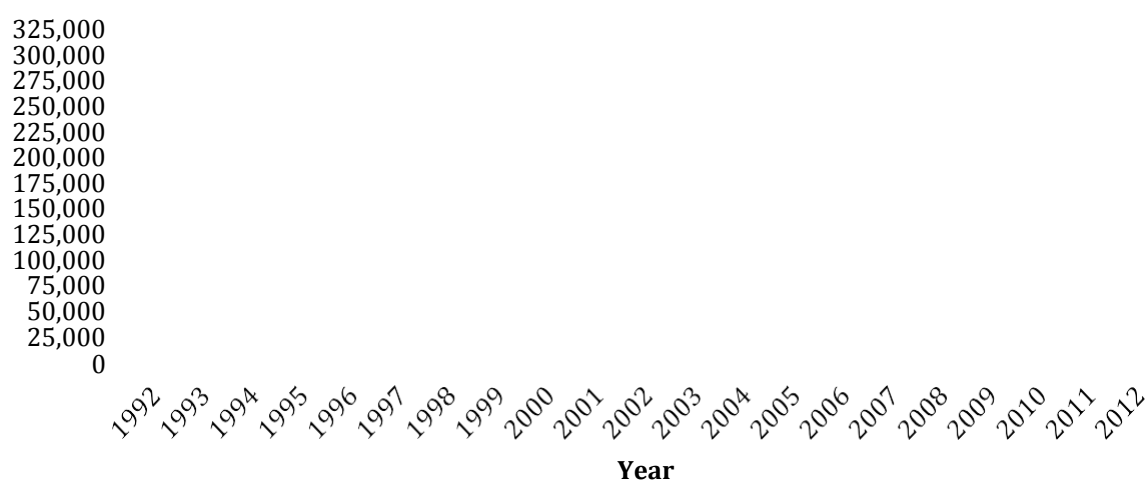
GUIDELINES TO CLOSED CERTIFICATION IN UNCOMPLICATED SURGICAL CASES					
<i>(References: 78 – 100)</i>					
	WORK CATEGORY (WEEKS)			ICD-10	ICPC-2
	LIGHT	MODERATE	HEAVY		
ABDOMINAL					
Appendicectomy	1	2	4	Z90.4	D88
Cholecystectomy (laparoscopic)	2	3	4	Z90.4	D98
Hysterectomy	5	8	10	Z90.7	
Inguinal Hernia	3	6	10	K40	D89
MUSCULOSKELETAL					
Carpal Tunnel Release	3	4	8	G56.0	N93
Colles' Fracture	6	10	13	S52.5	L72
Total Knee Replacement	6	16	Discretionary	Z96.6	
Total Hip Replacement	10	20	Discretionary	Z96.6	
Knee Repair - Open	10	15	20		
Knee Repair - Arthroscopy	6	8	12		

4. Appendix

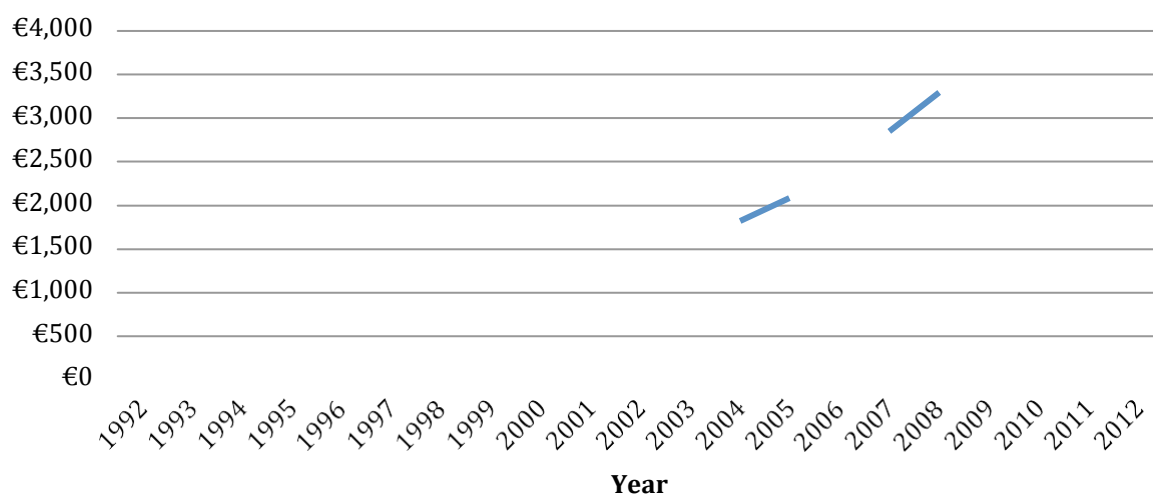
4.1 Illness related Schemes

In addition to numbers and costs related to people on short and long-term illness benefits, the graphs include those in receipt of Disability Allowance, Domiciliary Care Allowance and Carers Allowance.

Number of Recipients of Illness Related Schemes



Expenditure (€m) on Illness Related Schemes



5. References:

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