

ICPC

Diagnoseklassifikation i almen praksis

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Eftermiddagens program

- 12.30 Diagnoseklassifikation eller ej?
- 12.55 Introduktion til ICPC
- 13.30 E-learning
- 14.45 Vidensøgning og kvalitetsudvikling
- 15.15 Slut



Diagnoseklassifikation?

1. Hvordan bruger du diagnoser i din hverdag?
2. Hvilke fordele ser du ved at diagnosekode?
3. Hvilke ulemper ser du ved at diagnosekode?



LO 2011

D-2 Datafangst og ICPC kodning og data-håndtering

- Alle læger skal fremover anvende datafangst og ICPC-kode deres kroniske patienter
- Alle praktiserende læger skal ICPC-kode: KOL, astma, kroniske muskel- og skeletlidelser, osteoporose, hjerte-karsygdomme, cancer, diabetes og ikke-psykotiske psykiske lidelser
- Resultaterne af dataindsamling for ICPC kodede henvendelser skal danne grundlag for en senere aftale om udvidelse af kodningsforpligtelsen



Introduktion til ICPC

International Classification of Primary Care

Udgives af Wonca's International Classification
Committee (WICC)



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Oversigt

- Formål med klassifikation
- Hvad er ICPC?
- Fra ICPC-1 til ICPC-2
- Gode råd ved kodning



Om diagnoser og klassifikation

- Diagnose: en konstruktion, som anvendes inden for sundhedsvidenskab
- Reduktionistisk
- Diagnoser kan basere sig på: ætiologi, patologi, symptommønstre osv.
- Klassifikation: et hierarki af diagnoser
- Giver et fælles sprog og mulighed for udforskning af forløb og behandling



Formål med klassifikation

- Kommunikation og viden
 - Klinisk – prognose og optimal håndtering
 - Uddannelse
 - Kvalitetsudvikling og forskning
- Patientperspektiver
- Overvågning af sundhedsvæsen og sundhed
- Juridisk
- Afregning med sundhedsprofessionelle



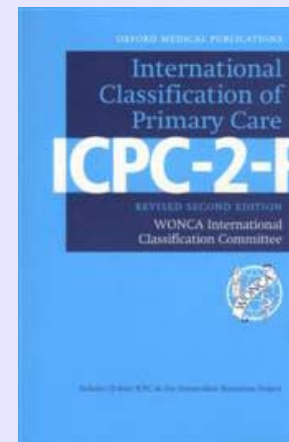
Klassifikationssystemer

- WICC/WONCA: International Classification of Primary Care (**ICPC**), **800** diagnoser
Start-point-diagnose: problembeskrivende/proces
- WHO: International Classification of Diseases (**ICD-10**), 20.000 diagnoser
End-point-diagnose: definitiv
- International Health Terminology Standards Development Organisation, IHTSDO:
Systematized Nomenclature of Medicine-Clinical Terms (**Snomed-CT**), >100.000 termer/koder

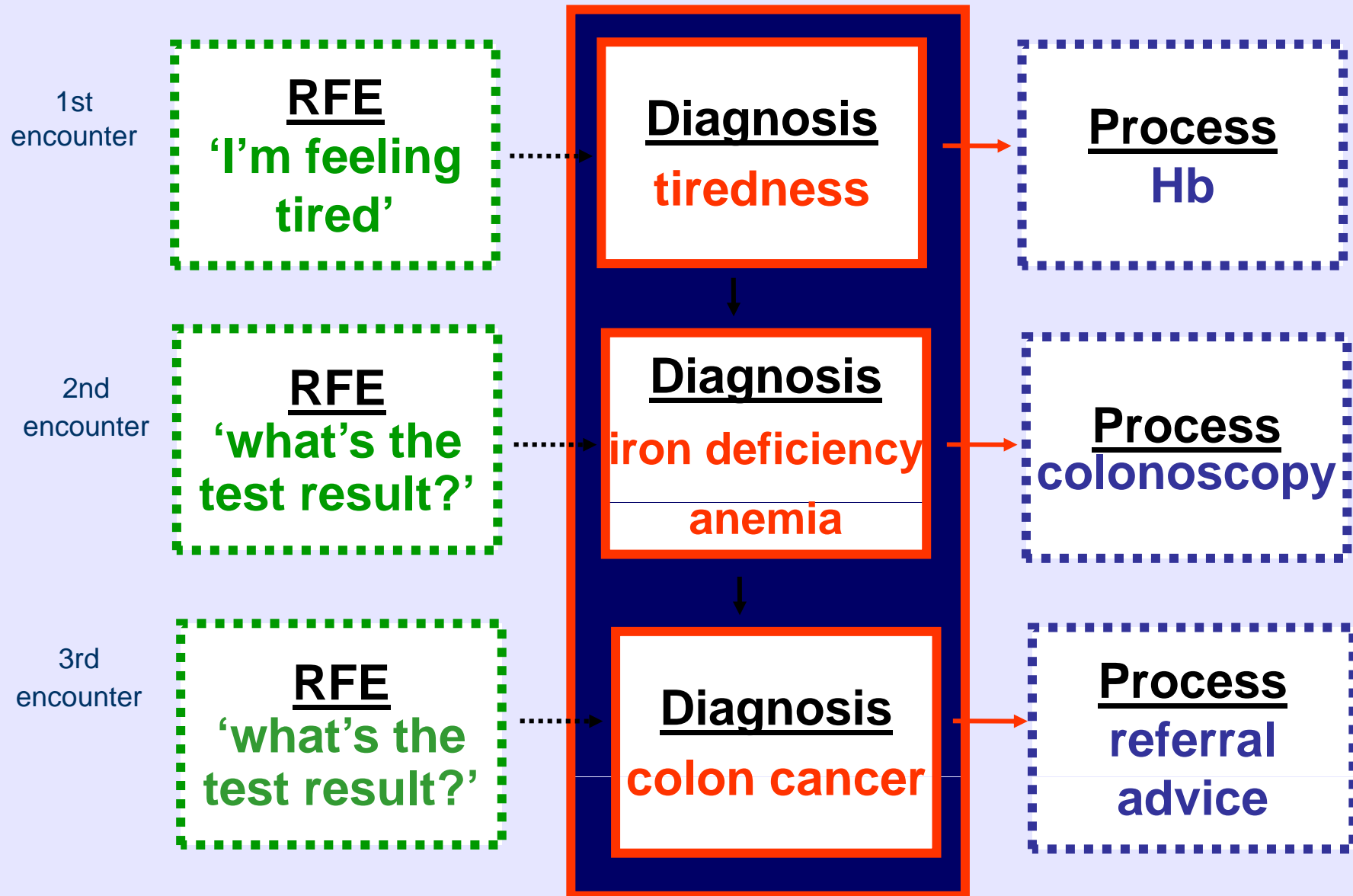


ICPC kronologisk

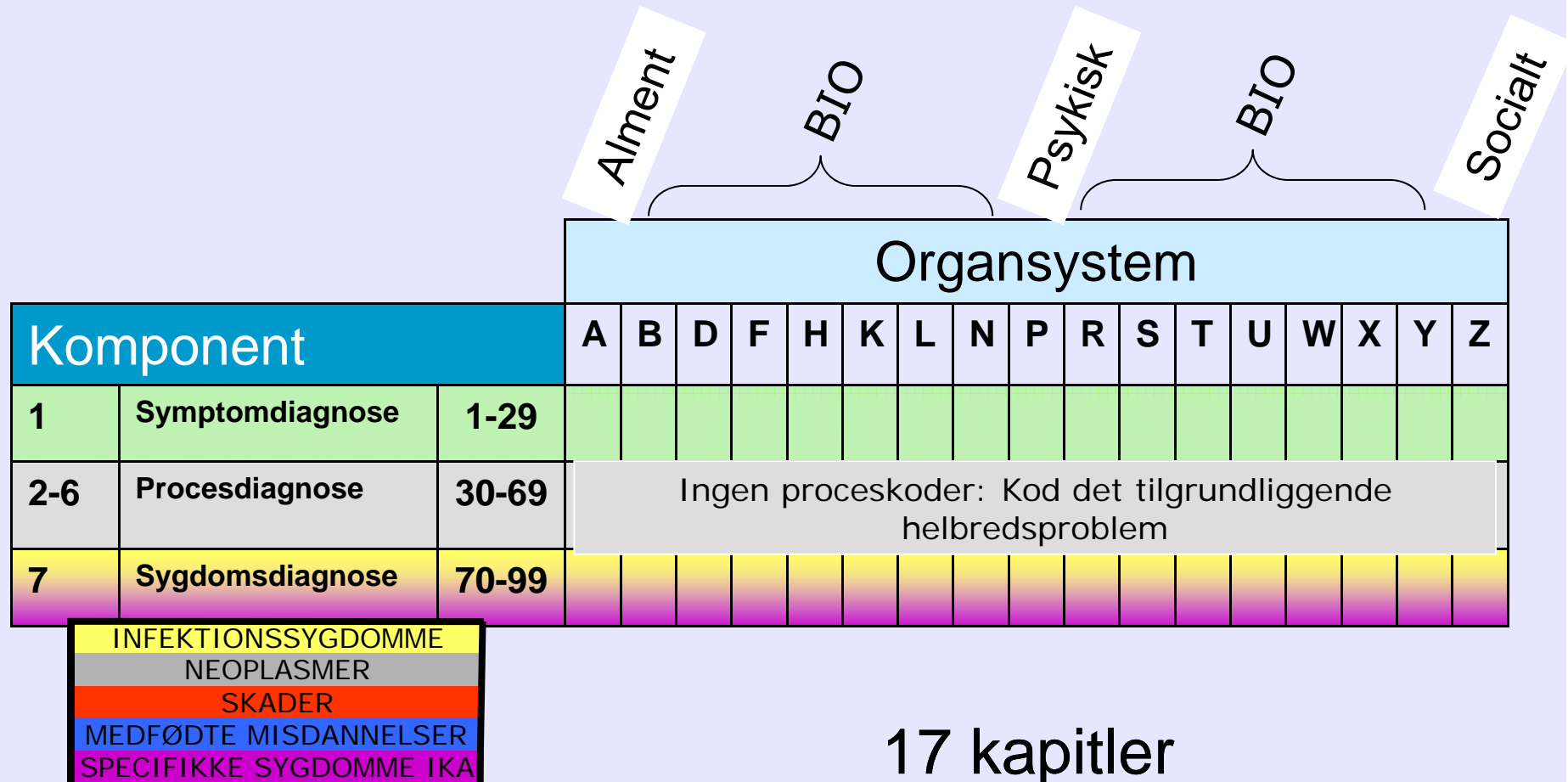
- 1987 ICPC-1
- 1997 Udvidet dansk ICPC
- 1998 ICPC-2
- 2003 ICPC-2 oversat til dansk
- 2005 ICPC-2-R
- 2008 ICPC-2-DK



Grundstruktur: Episode of care



ICPC



ICPC-2

ICPC-2 - English
International Classification of
Primary Care - 2nd Edition
World Health Organization
Classification Committee
(WICC)



Process codes

- 30 Medical Exam/Eval/Complete
- 31 Medical Examination/Health Evaluation-Detail/Tree check
- 32 Sensitivity Test
- 33 Microbiological/Immunological Test
- 34 Blood Test
- 35 Urine Test
- 36 Feces Test
- 37 Histological/Exfoliative Cytology
- 38 Other Laboratory Test NEC
- 39 Physical Function Test
- 40 Diagnostic Endoscopy
- 41 Diagnostic Radiology/Imaging
- 42 Electrical Tracings
- 43 Other Diagnostic Procedures
- 44 Preventive Immunisations/Medications
- 45 Observe/Educate/Advise/Refer
- 46 Consult with Primary Care Provider
- 47 Consultation with Specialist
- 48 Clarification/Discuss Patient's RFE
- 49 Other Preventive Procedures
- 50 Medication/Suppl./Prescr./Prescrip./Inter
- 51 Inocul./Drain/Flush/Aspirate
- 52 Inocul./Remov./Dispos./Destruction/Debride
- 53 Instrument/Catheter/Intubate/Dilate
- 54 Repair/Flange-Suture/Cast/Prosthetic
- 55 Local Inocul./Infiltration
- 56 Dress/Press/Compress/Tamponade
- 57 Physical Medicine/Rehabilitation
- 58 Therapeutic Counseling/LifeStyle
- 59 Other Therapeutic Procedure NEC
- 60 Results Tests/Procedure
- 61 Results Exam/Test/Record
- 62 Administrative Procedure
- 63 Follow-up/Encounter/Unspecified
- 64 Encounter Initiated by Provider
- 65 Encounter Initiated third person
- 66 Refer to Other Provider (Spec./Coll. M.D.)
- 67 Referral to Physician/Physician/Physician/Hospital
- 68 Other Referrals NEC
- 69 Other Referrals to Specialist/NEC

Blood, Blood Forming Organs and Immune Mechanism

- B00 Lymph gland(s) enlarged/painful
- B01 Blood symptoms/complaint
- B02 Lymph gland(s) enlarged/painful
- B03 Fear of AIDS/HIV
- B04 Eye movements abnormal
- B05 Fear of blood/lymph disease other
- B06 Limited function/disability
- B07 Synvt/comp/lymph/immune other
- B10 Lymphadenitis acute
- B11 Lymphadenitis non-specific
- B12 Hodgkin's disease/lymphoma
- B13 Leukemia
- B14 Malignant neoplasm blood other
- B15 Benign/unspecified neoplasm blood
- B16 Ruptured spleen traumatic
- B17 Injury blood/lymph/disease other
- B18 Hereditary haemolytic anaemia
- B19 Congen anom. blood/lymph other
- B20 Iron deficiency anaemia
- B21 Anemia, Vitamin B12/folate def.
- B22 Anemia other/unspecified
- B23 Purpura/coagulation defect
- B24 Unexplained abnormal white cells
- B25 Polycythemia
- B26 HIV-infectious
- B27 Blood/lymph/urinary disease other

- PROCESS CODES**
- SYMPTOMS/COMPLAINTS**
- INFECTIONS**
- NEOPLASMS**
- INJURIES**
- CONGENITAL ANOMALIES**
- OTHER DIAGNOSES**

Digestive

- D01 Abdominal pain/cramps general
- D02 Abdominal pain epigastric
- D03 Heartburn
- D04 Stomach pain
- D05 Functional indigestion
- D06 Abdominal pain localized other
- D07 Dyspepsia/indigestion
- D08 Flatulence/gas/belching
- D09 Nausea
- D10 Vomiting
- D11 Anorexia
- D12 Constipation
- D13 Ischemic
- D14 Hematemesis/vomiting blood
- D15 Melena
- D16 Rectal bleeding
- D17 Incontinence of bowel
- D18 Change faces/bowel movements
- D19 Tumor/abscess/symptom/complaint
- D20 Mouth/tongue/lip symptom/complnt
- D21 Swallowing problem
- D22 Hepatomegaly
- D23 Abdominal mass NOS
- D24 Abdominal distention
- D25 Fear of cancer of digestive system
- D26 Fear of digestive disease other
- D27 Limited function/disability (f)
- D28 Digestive symptom/complaint other
- D29 Gastrointestinal infection
- D30 Ulcers
- D31 Ulcers
- D32 Gastritis/enteritis/premalignant
- D33 Malignant neoplasm esophagus
- D34 Malignant neoplasm colon/rectum
- D35 Malignant neoplasm pancreas
- D36 Malignant neoplasm duodenum
- D37 Neoplasm digest benign/unspecified
- D38 Foreign body digestive system
- D39 Inflammatory disease digestive system
- D40 Congen. anomaly digestive system
- D41 Teeth/gum disease
- D42 Mouth/ tongue/lip disease
- D43 Esophagitis/disease
- D44 Duodenal ulcer
- D45 Peptic ulcer other
- D46 Stomach function disorder
- D47 Appendicitis
- D48 Inguinal hernia
- D49 Abdominal hernia other
- D50 Diverticular disease
- D51 Irritable bowel syndrome
- D52 Crohn's enteritis/ulcerative colitis
- D53 Anal fissure/perianal abscess
- D54 Hemorrhoids
- D55 Liver disease NOS
- D56 Cholecystitis/cholelithiasis
- D57 Digestive disease system, other

Eye

- E01 Eye pain
- E02 Red eye
- E03 Eye discharge
- E04 Visual floaters/spots
- E05 Visual disturbance
- E06 Eye sensation abnormal
- E07 Shoulder symptom/complaint
- E08 Eye appearance abnormal
- E09 Eyelid symptom/complaint
- E10 Glaucoma symptom/complaint
- E11 Contact lens symptom/complaint
- E12 Fear of eye disease
- E13 Limited function/disability (f)
- E14 Eye symptom/complaint other
- E15 Conjunctivitis infectious
- E16 Conjunctivitis allergic
- E17 Blepharitis/eye/chalazion
- E18 Eye infection/inflammation other
- E19 Neoplasm of eye/adnexa
- E20 Corneal hemorrhage eye
- E21 Foreign body in eye
- E22 Injury eye other
- E23 Blepharitis
- E24 Detached retina
- E25 Retinopathy
- E26 Macular degeneration
- E27 Corneal ulcer
- E28 Trachoma
- E29 Refractive error
- E30 Cataract
- E31 Strabismic
- E32 Eye pain/sensation, other

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Ear

- H01 Ear pain/sarache
- H02 Hearing complaint
- H03 Tinnitus, ringing/buzzing ear
- H04 Ear discharge
- H05 Rheumatoid/osteoarthritis arthritis
- H06 Fluctuating feeling ear
- H07 Concern with appearance of ears
- H08 Fear of ear disease
- H09 Limited function/disability ear
- H10 Ear symptom/complaint other
- H11 Otitis media
- H12 Acute otitis media/otitis
- H13 Serous otitis media
- H14 Tympanic membrane perforation
- H15 Chronic otitis media
- H16 Neoplasm of ear
- H17 Foreign body in ear
- H18 Perforation ear drum
- H19 Superficial injury of ear
- H20 Ear injury other
- H21 Congenital anomaly of ear
- H22 Excessive ear wax
- H23 Hematogenous syndrome
- H24 Otitis externa
- H25 Presbycusis
- H26 Acoustic trauma
- H27 Deafness
- H28 Ear/mastoid disease, other

Cardiovascular

Musculoskeletal

- M01 Neck symptom/complaint
- M02 Back symptom/complaint
- M03 Low back symptom/complaint
- M04 Chest symptom/complaint
- M05 Flank/axilla symptom/complaint
- M06 Jaw symptom/complaint
- M07 Sexual desire reduced
- M08 Anus symptom/complaint
- M09 Elbow symptom/complaint
- M10 Leg/hip symptom/complaint
- M11 Hand/finger symptom/complaint
- M12 Hip symptom/complaint
- M13 Leg/hip symptom/complaint
- M14 Neck symptom/complaint
- M15 Knee symptom/complaint
- M16 Ankle symptom/complaint
- M17 Foot/toe symptom/complaint
- M18 Muscle pain
- M19 Muscle symptom/complaint NOS
- M20 Contusion/hemorrhage eye
- M21 Foreign body in eye
- M22 Injury eye other
- M23 Blepharitis
- M24 Detached retina
- M25 Retinopathy
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Neurological

- N01 Headache
- N02 Pain face
- N03 Tingling/numb/feet/toes
- N04 Sensation disturbance other
- N05 Convulsion/seizure
- N06 Abnormal involuntary movements
- N07 Disturbance of smell/taste
- N08 Sleep disorder
- N09 Paralysis/weakness
- N10 Speech disorder
- N11 Fear cancer neurological system
- N12 Fear of neurological disease other
- N13 Unmet need/uncertainty (n)
- N14 Neurological symptom/compl. other
- N15 Malignant neoplasm nervous system
- N16 Benign neoplasm nervous system
- N17 Neurological infection other
- N18 Malignant neoplasm nervous system
- N19 Fear of neurological disease other
- N20 Multiple sclerosis
- N21 Parkinsonism
- N22 Epilepsy
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Fordele ved klassifikation

I egen praksis

- Kommunikation og viden
- Struktur i patientjournalen sikrer en dynamisk journal med hurtigt overblik for dig og for andre i praksis
- "Sentinellæger" får tilbagemeldinger på patienthåndtering i praksis
- Hurtige opslag i NEL og forløbsprogr.
- Lettere at deltage APO'registreringer



Hverdagen i en almindelig dansk læge praksis er presset og hektisk



Udfordring: Skab "rum til udvikling"

CUBION

Fra Udvidet dansk ICPC til ICPC-2-DK

- Rubrikændringer
 - 19 nye rubrikker
 - 15 slettede rubrikker
 - 17 ændret betydning af rubrikken
 - 580 har ændret tekst
- Kriterier for rubrikker
- Pragmatiske forløb indbygges i epj
 - Fx kroniske sygdomme, alvorlige tidligere sygdomme
- Udvidet alfabetisk indeks (18.200 termer)
- Fuld konvertering ICPC-ICD (20.000 koder)
- Kravspecifikation til systemhuse



Kodningsprincip

- En diagnose-kodning bør være så specifik, som din erfaring tillader, men aldrig mere specifik, end de diagnostiske kriterier tillader det:
- En patient må ikke tildeles en diagnose, patienten ikke har.



Symptom-diagnoser

Bruges, når dine diagnostiske overvejelser udelukkende hviler på din mistanke.



Sygdoms-diagnoser

Når dine diagnostiske overvejelser verificeres med:

- sikre kliniske fund
- prøveresultater
- billeddiagnostik



Gode råd ved diagnosekodning

- Kod så specifikt som muligt, men aldrig mere end de diagnostiske kriterier tillader
- Skeln mellem symptomer og egentlige diagnoser
- Lokalisation har forrang for ætiologi
- A-afsnittet:
 - Ved sygdom omfattende mere end 2 organsystemer
 - Når lokaliseringen er uspecifik
- Diagnose + obs pro må ikke anvendes
 - Skriv symptomdiagnose efterfulgt af den tentative diagnose inkl. obs. pro. som tillægstekst
- Kontrol af en tilstand: skriv den oprindelige diagnose evt. efterfulgt af antea