

# Lp 8: Cautare eficienta in baze de date

# Managementul deciziilor clinice

- Deciziile legate de pacienti:
  - experienta proprie (**LIMITATA**)
  - experienta colegilor (intrebam pe altii)  
(**LIMITATA**)
  - ghiduri clinice (**LIMITATE-nu acopera toate situatiile particulare**)
  - cautam sistematic in literatura situatii similare cu cea pe care o avem de rezolvat

# Management decizie clinica: 5 pasi

- 1. Formulam **INTREBAREA**
- 2. **CAUTAM** in literatura de specialitate (BAZE DE DATE)
- 3. **EVALUAM** critic rezultatele obtinute
- 4. **APLICAM** rezultatele obtinute la situatia noastra
- 5. **EVALUAM** intregul proces si impactul pe care il are

### 3. **EVALUAM** critic rezultatele obtinute

- Am discutat in cursurile si lp-urile trecute
  - design-ul a fost adecvat? (tipul de studiu)
  - obiectivele clare si concordante cu design-ul?
  - populatia studziata-putere statistica  
/interventii/comparatii intre grupuri?
  - metodologie clara si concordanta cu obiectivele studiului?
  - analiza statistica corespunzatoare?
  - concluziile oglindesc rezultatele obtinute?

# 1. Formulam INTREBAREA

- Translatia intrebarii generice: “Ce facem cu acest pacient?” intr-o formulare ce sa ne ajute sa cautam eficient in literatura
- Acronim **PICO**
- **P**: **P**acienti: ce pacienti ne intereseaza?
- **I**: **I**nterventie: ce nou tratament vrem sa cautam?
- **C**: **C**omparatie: cu ce vrem sa comparam Interventia (noul tratament)?
- **O**: **O**utcome (efect): ce efect dorim sa obtinem?

# Exemplu

- Pacient in varsta de 76 de ani cu colangiocarcinom stadiu IV, inoperabil cu prognostic foarte prost (supravietuirea <6 luni). Medicul de familie ne intreaba daca terapia fotodinamica de care el a auzit ca ar prelungi viata ar fi aplicabila in cazul pacientului.

# PICO

- P: pacient varstnic cu colangiocarcinom inoperabil
- I: terapie fotodinamica
- C: tratament paleativ obisnuit
- O: cresterea supravietuirii

## 2. CAUTAM in literatura de specialitate (BAZE DE DATE)

- PubMed- cea mai utilizata baza de date
- Folosim termeni cheie specifici ce exista indexati in MeSH (Medical Subject Headings- catalog de termeni)
- Folosim operatori BOOLEAN de tipul **AND** (si) **OR** (sau), **NOT** (non) intre termenii cheie



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Cholangiocarcinoma

1. A malignant tumor arising from the intrahepatic bile duct epithelium. It is composed of ducts lined by cuboidal or columnar cells that do not contain bile, with abundant stroma. (From Holland et al., Cancer Medicine, 3d ed, p1455; Stedman, 25th ed) Year introduced: 1994

Intrahepatic cholangiocarcinoma [Supplementary Concept]

2. Date introduced: August 25, 2010

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[\[Photodynamic therapy of a cholangiocarcinoma in an 80-year-old man\].](#)

1. Ustrup T, Pedersen FM.  
Ugeskr Laeger. 2013 Feb 25;175(9):583-4. Danish.  
PMID: 23608010 [PubMed - indexed for MEDLINE]  
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[\[Photodynamic therapy of cholangiocarcinomas\].](#)

2. Ustrup T, Pedersen FM.  
Ugeskr Laeger. 2013 Feb 25;175(9):579-82. Review. Danish.  
PMID: 23608009 [PubMed - indexed for MEDLINE]  
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[\[Asia-Pacific consensus recommendations for endoscopic and interventional management of hilar cholangiocarcinoma\].](#)

3. Rerknimitr R, Angsuwatcharakon P, Ratanachu-ek T, Khor CJ, Ponnudurai R, Moon JH, Seo DW, Pantongrag-Brown L, Sangchan A, Pisesongsap P, Akaraviputh T, Reddy ND, Maydeo A, Itoi T, Pausawasdi N, Punamiya S, Attasaranya S, Devereaux B, Ramchandani M, Goh KL; Asia-Pacific Working Group on Hepatobiliary Cancers.

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Synergistic effects of 5-aminolevulinic acid based photodynamic therapy [Int J Nanomedicine. 2013]  
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Unresectable cholangiocarcinoma: comparison of survival in bil [Clin Gastroenterol Hepatol. 2008]

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