

# Selecting Evidence to Meet Needs and Avoid Problems

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# You have a Problem?

Professional Practice is about addressing problems

# You have a Problem?

Professional Practice is about addressing problems

- Case based
- Practice style
- Managerial
- Policy / political

**And the way to solve problems is with Evidence**

# Why an Evidence-based Approach

- Most likely to work
- Building on the research and experience of others
- Easier to explain, and get support
- Can be defended

But it must be done properly!

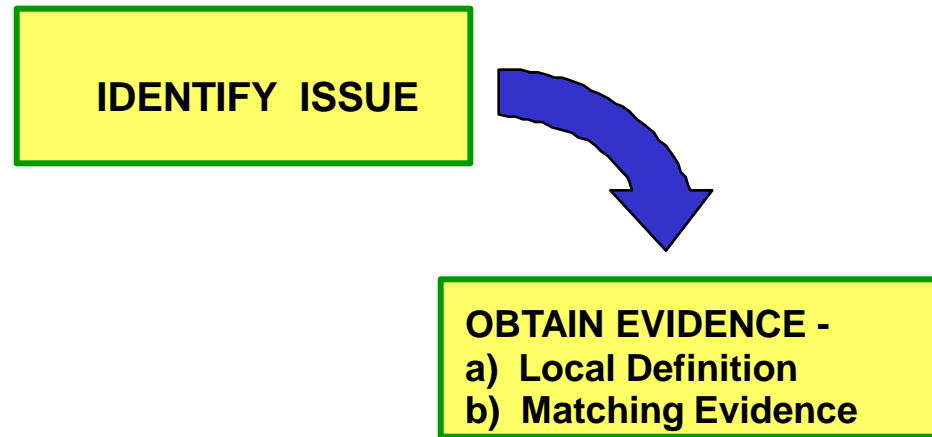
# Evidence-based Decision Making

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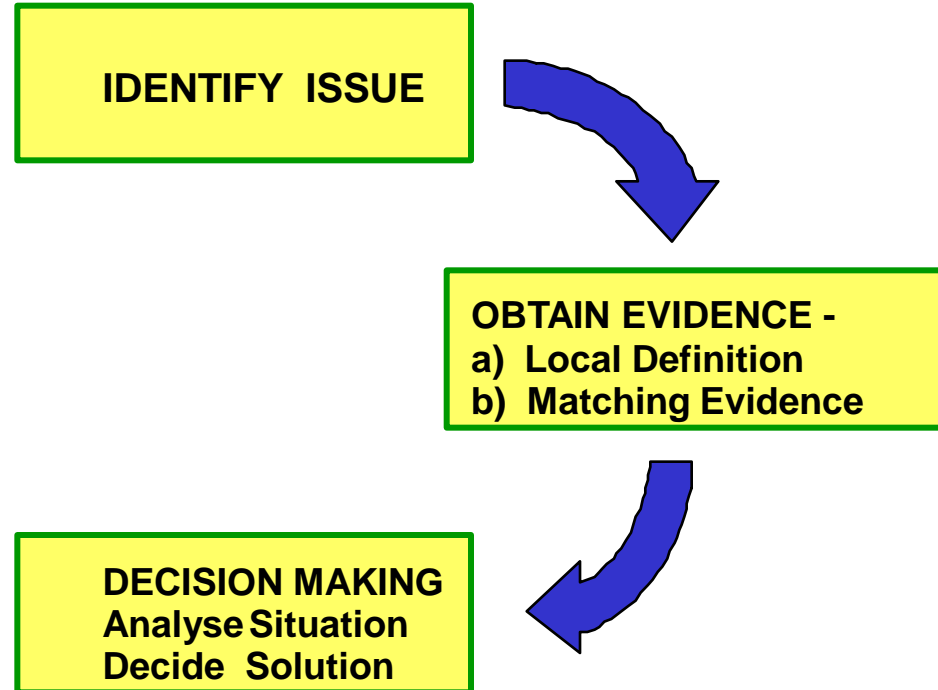


**IDENTIFY ISSUE**

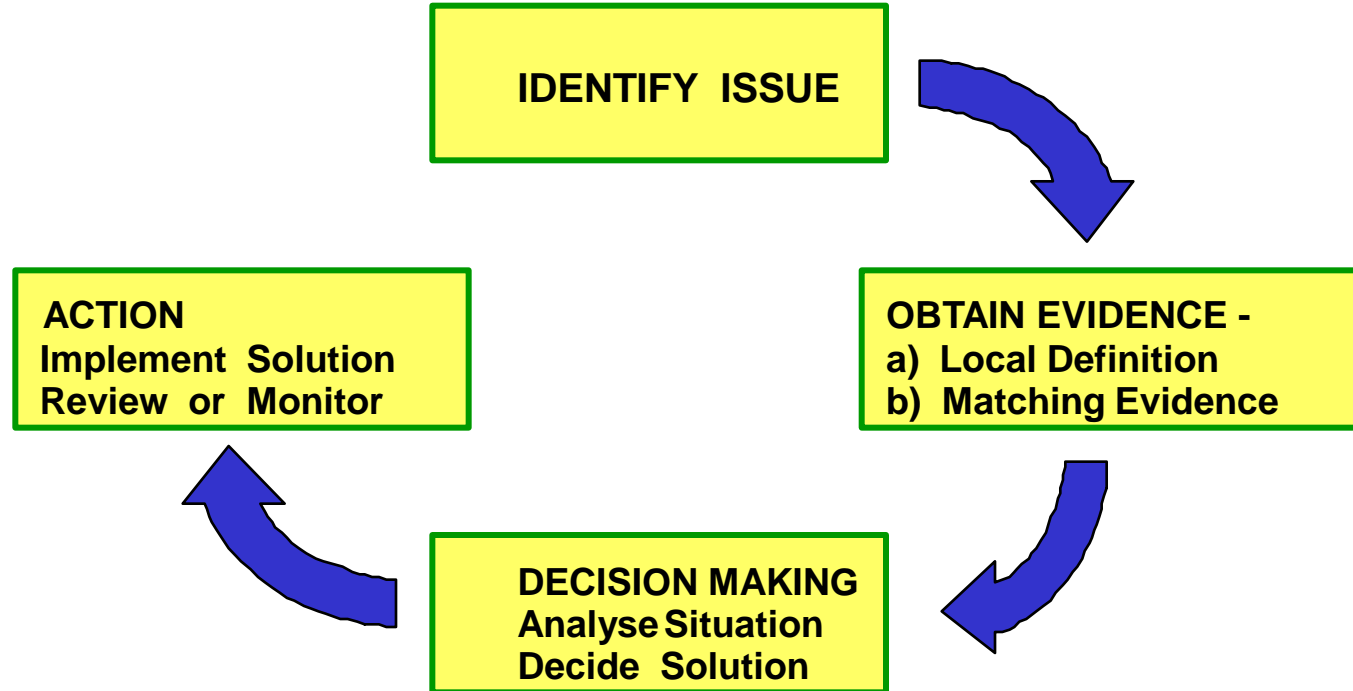
# Evidence-based Decision Making



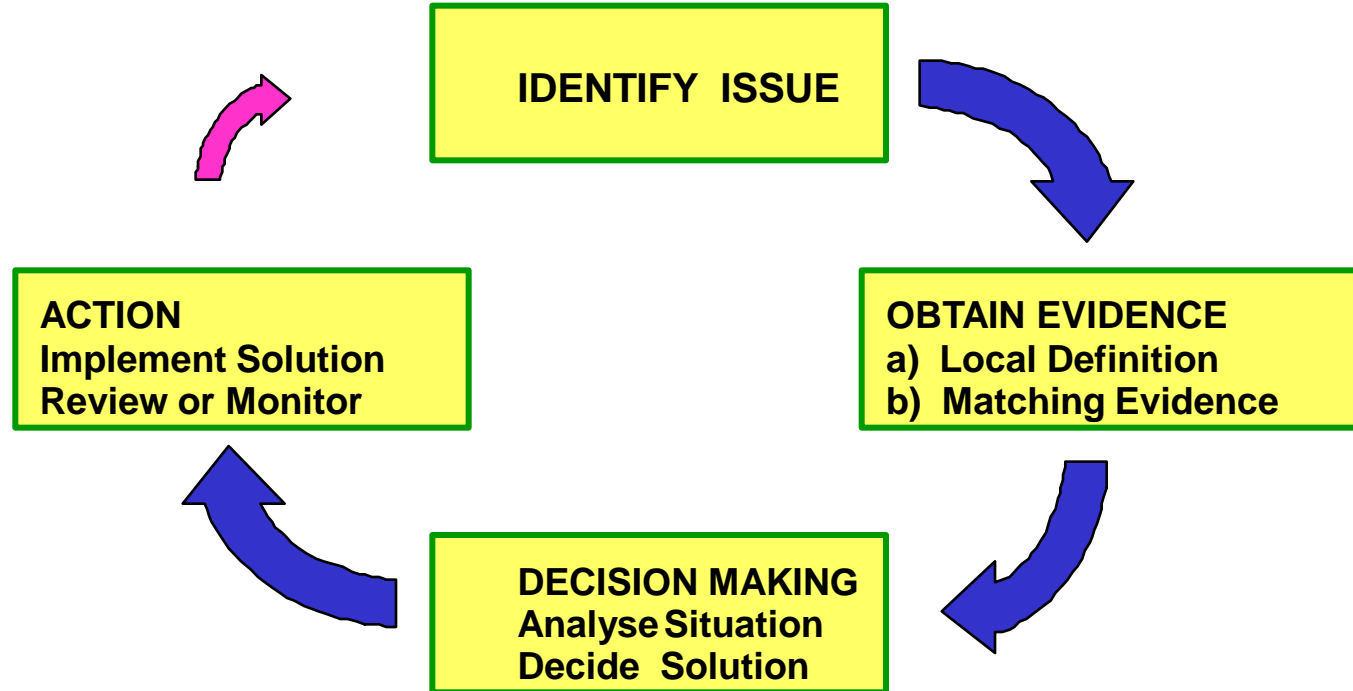
# Evidence-based Decision Making



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# Finding Evidence

- Turn your Problem Definition into terms
- Search a suitable database(s)
- Each term is a relevant characteristic
- Search on one or more terms to produce a list
- Critically select a manageable list
- Critically appraise the selected items to find solution

# Critical Selection

- Look for the closest match to your problem
- BUT do not rule out new ideas
- Match as far as possible the characteristics of your Local Definition
- The greater the characteristic matches the greater the value to you.
- Some characteristics may have greater weight

# Critical Appraisal

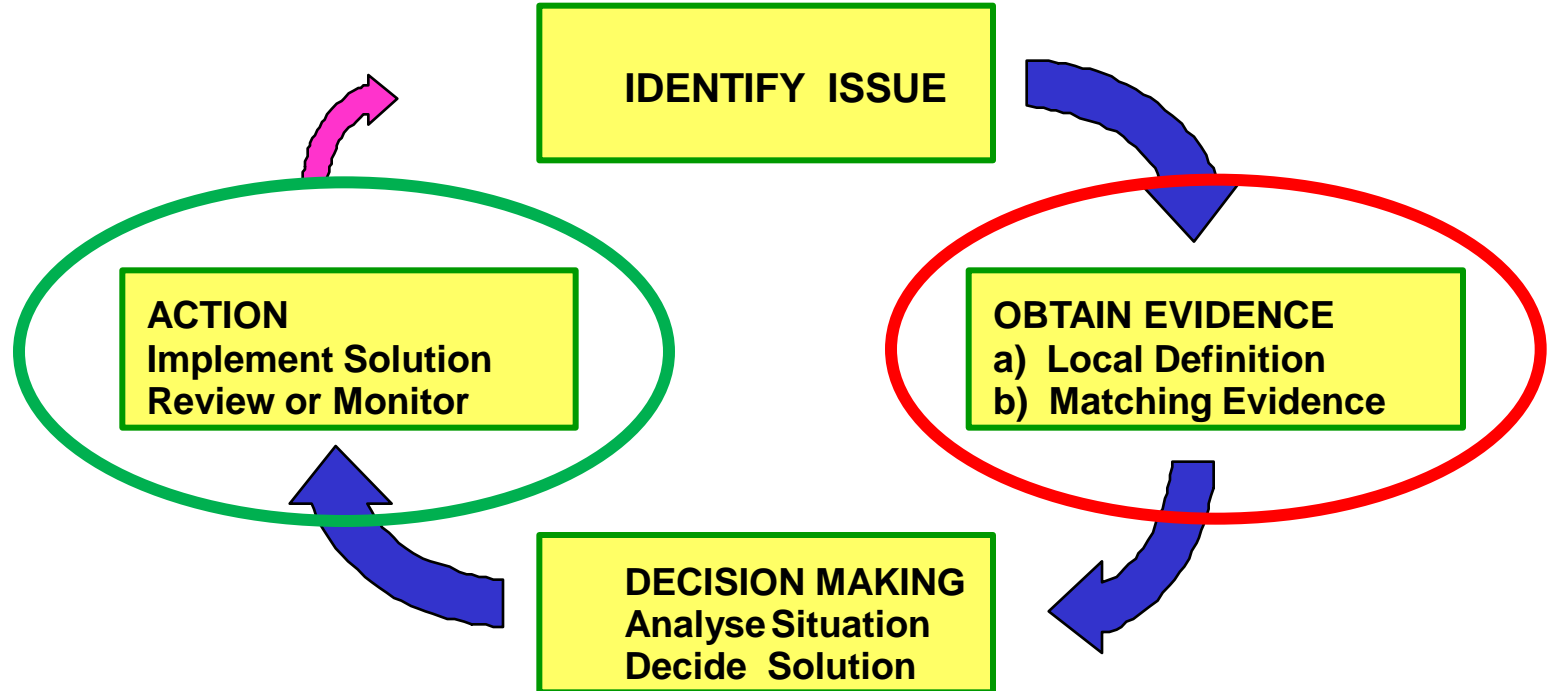
- Is the study scientific and reliable?
  - Size, method, bias, etc.
- Is its context relevant?
  - Similar service systems, culture, etc..
- Does it identify its potential limitations?
  - Sample size, selection, potential bias
- Do two or more papers reach similar conclusion (triangulation) ?
- Do some papers conflict (caution needed)

# Avoiding Problems

Select the preferred evidence-based solution you want to implement

- Do you have the skills?
- Do you have the resources?
- Do you have the authority?
- Have you appraised (and managed) risks?
- Can you clearly explain to key stakeholders?
- Have you break points and an escape strategy?

# Evidence-based Decision Making



# RICHE - A Case Study of Compiling Evidence

- Research Inventory of Child Health in Europe
- EU Framework 7, running 2010 - 2013
- To create cross-disciplinary inventory:
  - To identify gaps and steer research
  - To make evidence available to non-experts
- [www.childhealthresearch.eu](http://www.childhealthresearch.eu)

# RICHE Taxonomy

- Necessary to provide a framework for evidence retrieval
- No suitable taxonomy existed
- Good generic taxonomy experience

# RICHE Taxonomy

- Multi-axial
  - Demography
  - Population Groups
  - Child-related topics
  - Health, disability, health issues and determinants
  - Languages and Geographical perspective
  - Study type



## A place for research into Child Health in Europe



An EU FP7 funded project creating a community and roadmap for Child Health Research in Europe. Our initiatives to support these goals include an Inventory of research, Measurement & indicators, Gaps & priorities, Research roadmap & a Community website.

Inventory of research

**Inventory of research**

Research and knowledge classification for Child Health in Europe. You can contribute your knowledge and findings here. [Read more](#) . . .

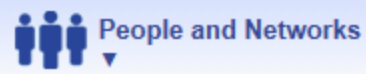
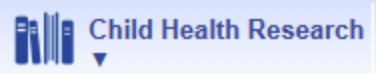
Measurement and indicators

Gaps and priorities

Research roadmap

Community website





- View
- Add/Edit Basic Information
- Add/Edit Riche Classification**
- Create forum post

### Title: Upload Function Demonstration

#### Riche Classification

- ▶ Age of Child, Life Course (0)
- ▶ Population Groups (0)
- ▶ Child related topics (0)
- ▶ Geographical and Languages Perspective (0)
- ▶ Study type / scale / state of progress / setting (0)
- ▶ Health issues, determinants and measures (0)



[View](#)[Add/Edit Basic Information](#)[Add/Edit Riche Classification](#)[Create forum post](#)

## Title: Upload Function Demonstration

### Riche Classification

▶ Age of Child, Life Course (0)

▼ Population Groups (0)

#### Economic-type:

- Children in poverty
- Children who have dropped out of education
- Socio-economic status
- Street children / Homeless children
- Travellers
- Young workers

#### Living status terms:

- Bullies
- Bullied children
- Children who are alcohol users
- Children living with alcoholic parents
- Children who are carers
- Children with chronic illness
- Children of parents with physical illness
- Children of parents with mental illness

#### Family / parenthood terms:

- Teenage parents
- Teenage fathers
- Teenage mothers
- Children in single parent households
- Children in same-sex parent households
- Singleton children
- Surrogate children
- Children in care
- Adopted children
  - Those adopted at birth
  - Those adopted by family members
  - Those adopted at older ages
- Children in care but supervised at home
- Children removed from home
- Children whose home is in other residential institutions
- Bereaved children
- Orphan children

#### Migration type terms:

- Asylum seekers (Children in asylum seeking families)
- Children of illegal immigrants
- Illegal residents
- Culturally itinerant children
- Migrants
- Refugees
- Children of minority faith parents
- Ethnic minority groups

#### Criminality type terms:

- Children in penal institutions
- Children whose parents are in penal institutions

#### Sexual orientation:

- Bisexual children
- Children with bisexual parents
- Homosexual children
- Children with homosexual parents

#### Reproductive health type terms:

- Children conceived by gamete donation
- Assisted reproduction techniques

## Title: Upload Function Demonstration

### Riche Classification

▶ Age of Child, Life Course (0)

▶ Population Groups (0)

#### ▼ Child related topics (0)

##### Children as Agents and Influences

- Research involving direct participation of children
- Research carried out by children
- Research projects using children as subjects
- Peer educators
- Violent children

##### Family

- Family type
  - Single parent families
  - Families with same-sex parents
  - Extended families
  - Foster families
  - Adoptive families
  - Large families
  - Families with singleton children
- Parental/guardian reporting about children
- Siblings reporting about children

##### Household

- Household data
- Household structure
- Foster care
- Household tobacco smoke
- Households with drug users
- Households with violence
- Other household factors
- Households with alcohol abusers

##### Housing

- Homelessness
- Hostels (family) e.g. immigration hostels
- Temporary accommodation
- Unfit Housing
- Children in Penal Institutions (e.g. mother and child units)

##### Institutions

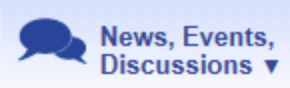
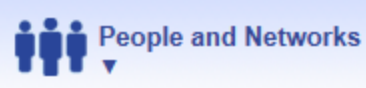
- Children's homes
- Educational institutions
- Religious institutions

##### Law and jurisprudence

- Police
- Law enforcement
- Lawyers
- Penalties and Punishments
- Individuals working in the Criminal justice system
- Courts systems
- Family courts

##### Care of children

- Parents
- Guardians
- Grandparents
- Charities
- Social workers
- Childminders
- Nursery workers
- Youth workers
- Foster parents
- Volunteers



Define your Search criteria by selecting the appropriate fields ?

**Riche Classified Knowledge**

<input type="checkbox"/> All	<input type="checkbox"/> Member	<input type="checkbox"/> Organisation
<input checked="" type="checkbox"/> Scientific Literature	<input checked="" type="checkbox"/> Grey literature	<input type="checkbox"/> In progress/completed
<input type="checkbox"/> Funding approved		

OR

**Community Contributions**

<input type="checkbox"/> All	<input checked="" type="checkbox"/> Funding Opportunities
<input checked="" type="checkbox"/> Forum Post	

Search Terms  Search

Please enter something



[http://www.childhealthresearch.eu/@@search\\_page](#)
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HOME
 Child Health Research
 People and Networks
 News, Events, Discussions

Define your Search criteria by selecting the appropriate fields

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  Member
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Forum Post

Search Terms

### 35 results found for "hyperactivity"

Refine your Results by clicking suitable Taxonomy terms

- Age life course ( Open )
- Population groups ( Open )
- Child related topics ( Open )

Name	Type	Last Modified
Psychometric properties of two ADHD questionnaires: comparing the Conners scale and the FBB-HKS in the general population of German children and adolescents results of the BELLA study	Grey literature	2010-05-28
Prevalence based on the judgment of health care professionals: results of the German health and examination survey (KIGGS)	Grey literature	2010-05-28
How often do children meet ICD-10/DSM-IV criteria of attention deficit-/hyperactivity disorder and hyperkinetic disorder? Parent-based prevalence rates in a national sample results of the BELLA study	Grey literature	2010-05-28

- Language perspective
- Study progress
- Health and medicine
- No tax

Define your Search criteria by selecting the appropriate fields ?

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  Organisation

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  Grey literature
  In progress/completed

Funding approved

OR

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All
  Funding Opportunities

Forum Post

Search Terms

### 35 results found for "hyperactivity"

Refine your Results by clicking suitable Taxonomy terms

Age life course ( Close )

Order by name ▾

10-14 years (1)  
 5-9 years (2)  
 Adolescent (under 18 years) (1)  
 All (2)  
 Child (primary school: broadly 5-10 years) (1)  
 Pre-Conception (1)  
 Young (pre-school ) child

Name	Type	Last Modified
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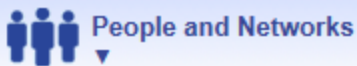
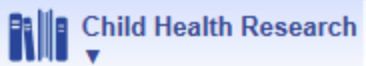
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Study program



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 Forum Post

Search Terms

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Refine your Results by clicking suitable Taxonomy terms

**Age life course ( Open )**

**Population groups ( Close )**

Order by name ▾

Children in care (1)

**Child related topics ( Close )**

Order by name ▾

Community data (1)  
 Community settings involving children (1)  
 Ethical issues (1)  
 Families of children with

Name	Type	Last Modified
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# RICHE Innovation

- Designed round client group, not discipline
- Holds all types of evidence
- Any member can upload - ‘agent network’
- Designed with Search in mind
  
- We help users find Evidence
- Join us! On [www.childhealthresearch.eu](http://www.childhealthresearch.eu)



**BEWARE**  
**YOU ARE ENTERING**  
**A FUN ZONE**

**[WWW.CHILDHEALTHRESEARCH.EU](http://WWW.CHILDHEALTHRESEARCH.EU)**