

Catalogue TEAM-COACH

The TEAM-COACH catalogue is composed of 18 modules covering key topics on Antimicrobial Resistance (AMR), Infection Prevention & Control (IPC) and Antimicrobial Stewardship (AMS) and adapted to the pediatric population. The list of modules available classified by area and target healthcare setting (in-hospital, outpatient or both) is detailed below.

Introductory module:

- Understanding the pandemics of Antimicrobial Resistance (AMR)
 - What you will learn: which is the actual situation about AMR globally, in Europe and in the pediatric population; why we need to consider AMR in our daily activities as healthcare workers; which actions can be done for tackling AMR.
 - Mandatory module. Essential for all healthcare workers

IPC modules

Modules common to in-hospital and outpatient:

- Hand Hygiene and its indicators
 - What you will learn: why hand hygiene is the most efficient way to prevent healthcare associated infections, how and when to practice it, and how to monitor hand hygiene practices
 - Mandatory module. Essential for all healthcare workers
- Syndromic empirical isolation
 - What you will learn: know the basic control recommendations in the different healthcare settings, understanding why standard precautions are the foundation to prevent transmission during patient care, know how to implement the transmission-based precautions
 - Optional module. Essential for all healthcare workers

Modules specific to in-hospital:

- Prevention of catheter blood-stream infections
 - What you will learn: know what are the central line associated blood stream infections and how they can be prevented, learn the practices to prevent them
 - Essential for healthcare workers, especially if managing central catheters.
 - Optional module. Recommended for healthcare workers involved in insertion, care and maintenance of catheters
- Surgical antibiotic prophylaxis
 - What you will learn: understand what are surgical sites infections, how to prevent them thanks to surgical antibiotic prophylaxis and how and when administer surgical prophylaxis.
 - Essential for healthcare workers involved in a surgical/anesthesiologist team
 - Recommended for all healthcare workers prescribing antimicrobials

Module specific to outpatient:

- Vaccination as a tool for IPC
 - What you will learn: know why vaccination is a fundamental tool in IPC, understand how vaccines work and how to use them, know the challenges of vaccination
 - Essential for all healthcare workers

AMS modules

Module common to in-hospital and outpatient:

- The principles of antimicrobials prescribing
 - What you will learn: know the basics of antibiotic pharmacokinetic and pharmacodynamics, understand the antibiotic mechanism of action, know the antibiotic spectra, learn about considering antibiotic allergy for prescribing
 - Essentials for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers healthcare workers prescribing and administrating antimicrobials
- Interpreting culture results:
 - What you will learn: understand microbiological testing procedure, know how to interpret results, know how to implement microbiological diagnosis techniques
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers healthcare workers prescribing and administrating antimicrobials

Modules specific to in-hospital:

- Community-acquired respiratory tract infections
 - What you will learn: to know what are the main community-acquired infections in a hospital setting in children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections
- Hospital-acquired pneumonia (ventilator and not-ventilator associated)
 - What you will learn: to know what are the hospital-acquired pneumonia that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections
- Complicated urinary tract infections
 - What you will learn: to know what are the complicated urinary tract infections that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections
- Bloodstream infection (including catheter related)

- What you will learn: to know what are the bloodstream infections that can affect children, how to diagnose and treat them
- Essential for healthcare workers prescribing antimicrobials
- Recommended for healthcare workers working with patients affected by this type of infections
- Intra-abdominal infections
 - What you will learn: to know what are the intra-abdominal infections that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections

Modules specific to outpatient:

- Upper respiratory tract infections
 - What you will learn: to know what are the upper respiratory tract infections that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections
- Lower respiratory tract infections
 - What you will learn: to know what are the lower respiratory tract infections that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections
- Urinary tract infections
 - What you will learn: to know what are the urinary tract infections that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections
- Skin and soft tissue infections
 - What you will learn: to know what are the skin and soft tissues infections that can affect children, how to diagnose and treat them
 - Essential for healthcare workers prescribing antimicrobials
 - Recommended for healthcare workers working with patients affected by this type of infections

Module to go further:

- To become a leader in IPC and AMS
 - What you will learn: what is to be a leader and how it can impact a team, how to become a leader in general and in IPC and AMS
 - Recommended for healthcare workers in a leadership position or aspiring to assume such a role for their unit on IPC and AMS