

COSI – categories

Indicator Category	Indicator Subject	Number of QIs
A Health Promotion/ Prevention/ Screening	Accident prevention hand-outs	1
	Breastfeeding promotion	1
	Developmental screening	1
	Growth and weight monitoring	1
	Newborn hip screenings	1
	Promotion of healthy lifestyles	1
	Promotion of sexual health	1
	SIDS prevention	1
	Tracking of newborn hearing screening	1
	Tracking of newborn metabolic screening	1
	Vaccination coverage	3
	Vision screening	1
	B Acute Care	Acute Otitis media (AOM)
Community acquired Pneumonia (CAP)		2
Management of febrile infants		1
Pulmonary distress		1
Upper Respiratory Tract Infection		1
Urinary Tract Infection (UTI)		1
C Chronic Care	Attention deficit hyperactivity disorder (ADHD)	1
	Asthma long-term management	5
	Early detection of Diabetes mellitus	1
	Migraine heacache	1
D Practice Management	Access and equipment for disabled	1
	CME for the childcare team	1
	Participation in quality circles	1
E Patient Safety	Drug management	2
	Drug and vaccines management	2
	Equipment and devices management	1
	Emergency preparedness	1
	Guideline implementation	1
	Handling complaints and critical incidents	2

No	Indicator Subject	Indicator Focus	Indicator Numerator	Indicator Denominator
A01	Accident prevention hand-outs	Routine provision of accident prevention information for parents	Number of well baby checks in which accident prevention handouts were provided and explained.	All well baby checks
A02	Breastfeeding promotion	Regular breastfeeding counselling	Number of patients whose parents were well informed about breastfeeding.	All newborns at first visit in the practice
A03	SIDS prevention	Sudden Infant Death Syndrome counselling	Number of patients whose parents received a SIDS counselling.	All newborns aged <4 weeks
A04	Tracking of newborn hearing screening	Timely verification of accomplished newborn hearing screening	Number of patients who received newborn hearing screening using OAE or BERA/ABR.	All patients aged <1 month
A05	Tracking of newborn metabolic screening	Timely verification of accomplished newborn metabolic screening	Number of patients who received metabolic screening in hospital or at primary care provider.	All infants in the first 10 days of life
A06	Newborn hip screening	Early recognition of hip dysplasia or dislocation (DDH)	Number of patients whose hips were checked with sonography or other standardised exam for hip dysplasia or dislocation.	All infants aged <6 weeks
A07	Vision screening	Early recognition of visual deficits	Number of patients whose vision was tested with a standardised procedure by trained personal.	All patients aged <5 years
A08	Developmental screening	Regular annual developmental screening in the first 6 years of life	Number of patients who were regularly screened for neurological, social and emotional development with standardised, documented tools at intervals following national standards.	All patients aged 0 to 6 years
A09	Growth and weight monitoring	Regular assessment and documentation of weight, height and BMI	Number of patients whose weight, height and Body Mass Index (BMI) were measured, plotted on standardised gender specific curves and used for nutritional advice at intervals following national standards.	All infants and adolescents
A10	Promotion of healthy lifestyles	Education/ Advice to quit smoking	Number of patients who received at least one short educational intervention/ advice to quit smoking.	All adolescents

A11	Promotion of sexual health	Discussing sexual activity, risk reduction and contraception with adolescents	Number of patients with whom sexual activity, HIV / STD risk reduction, contraception and emergency contraception were discussed and documented.	All patients aged 10 to 18 years
A12	Vaccination coverage	Checking vaccination status routinely	Every patient contact is used as an opportunity to check vaccination status and for recall.	n/a
A13	Vaccination coverage	Completeness of recommended immunizations at 2 years of age	Number of patients who had documentation of complete nationally recommended immunizations by the age of 2 years.	All patients who turned 2 years of age between January 1 of the measurement year and December 31 of the measurement year
A14	Vaccination coverage	Completeness of recommended booster immunizations	Number of adolescents who had documentation of complete nationally recommended booster immunizations	All adolescents
B01	Acute Otitis media (AOM)	Robust diagnosis of AOM	Number of patients who were screened for all three relevant clinical criteria of AOM (acute onset, middle ear effusion, middle ear inflammation).	All patients with suspected AOM
B02	Acute Otitis media (AOM)	Appropriate therapy of uncomplicated AOM	Number of patients who at first received symptomatic analgetic treatment instead of initial antibiotic treatment.	All patients with AOM without any risk factors
B04	Upper Respiratory Tract Infection	Appropriate therapy of Respiratory Tract Infection	Number of patients who did not receive antibiotics.	All patients with Respiratory Tract Infection and normal respiratory rate
B05	Community acquired pneumonia (CAP)	Appropriate use of antibiotics for therapy of CAP	Number of patients who received first line antibiotics according to guidelines.	All patients with CAP and persistent or repetitive fever >38.5 °C together with chest recession and a raised respiratory rate
B06	Community acquired pneumonia (CAP)	Timely evaluation of response to CAP treatment	Number of patients who were reassessed medically within 48 h after initiation of treatment.	All patients with CAP
B07	Pulmonary distress	Hospital treatment of patients with respiratory distress	Number of patients who were transferred to the hospital.	All patients with respiratory distress and desaturation <92% SaO ₂

B08	Management of febrile infants	Extended assessment of febrile children with serious illness	Number of patients for whom the following investigations were performed: full blood count, C-reactive protein, urine testing for urinary tract infection.	All patients aged 3 months to 5 years with fever without apparent source and with symptoms or signs of serious illness
B09	Urinary Tract Infection (UTI)	Robust diagnosis of UTI	Number of patients who received antibiotics after obtaining urine for culture from one of the following methods of urine collection: bladder tap, catheterization, or clean catch.	All patients with UTI
C01	Attention deficit hyperactivity disorder (ADHD)	Diagnosis of ADHD	Number of patients whose medical records contain documentation of internationally accepted criteria (e.g. DSM) used to diagnose ADHD.	All patients aged >4 years with symptoms suspicious of ADHD
C02	Asthma long-term management	Baseline spirometry in chronic Asthma patients	Number of patients who have baseline spirometry performed within 6 months of diagnosis.	All Asthma patients aged 5 years or older
C03	Asthma long-term management	Asthma action plan	Number of patients who have a written Asthma action plan.	All Asthma patients
C04	Asthma long-term management	Regular demonstration of inhaler technique by Asthma patients	Number of patients who regularly demonstrate their inhaler technique.	All Asthma patients
C05	Asthma long-term management	Severity adjusted stepwise pharmacotherapy for Asthma patients	Number of patients whose pharmacological treatment conforms with the patient's Asthma severity.	All Asthma patients
C06	Asthma long-term management	Asthma-associated hospitalizations	Number of patients who got hospitalized due to Asthma symptoms in the past 6 months.	All Asthma patients
C07	Early detection of Diabetes mellitus	Early detection of type 1 diabetes	Number of patients tested for hyperglycemia and glucosuria with point of care test techniques.	All patients who present with symptoms suspicious for primary manifestation of diabetes
C08	Migraine headache	Education and treatment planning for patients with migraine headache	Number of patients whose medical records contain treatment plans for mild, moderate, and severe headaches (pharmacological treatment, adjunctive therapy) and documentation of receiving written educational materials about migraine.	All patients who presented with migraine headache
D01	Access and equipment for disabled	Barrier-free access to practice facilities	Practice facilities are accessible for wheelchairs - in case the practice is not located in the ground floor there is an elevator.	n/a

D02	CME for the child care team	Annual job-related CME for practice team	Every member of the team has taken part in at least one job-related CME training event in the past 12 months.	n/a
D03	Participation in quality circles	Physicians' participation in quality circles	Physicians of the practice take part in accredited quality circles.	n/a
E01	Guideline implementation	Evidence of guideline implementation	The practice can provide evidence of guideline implementation with instructions for the practice team in the past 12 months.	n/a
E02	Drug management	Documentation of medication in medical records	Every medical record contains an overview about the patients' current medication.	n/a
E03	Drug management	Documentation of intolerances and contraindications in medical records	Every medical record contains information about the patients' intolerances and contraindications to medication.	n/a
E04	Drug and vaccines management	Timely checks of drug and vaccines expiration dates	Documentation of checking expiration dates of emergency and all other drugs and vaccines at least once every 3 months is available.	n/a
E05	Drug and vaccines management	Safe storage of vaccines and drugs in the refrigerator	The refrigerator for vaccines and drugs has a Min/Max-thermometer that is read and recorded daily and has a temperature of 2 to 8 degrees Celsius.	n/a
E06	Equipment and devices management	Checks of medical equipment and devices	All medical equipment and devices are checked according to legal requirements periodically.	n/a
E07	Emergency preparedness	Annual training in resuscitation and managing acute emergencies	For every member of the practice team there is documentation of at least one practical training in resuscitation and management of acute emergencies in the past 12 months.	n/a
E08	Handling complaints and critical incidents	Management of patient complaints and suggestions	The practice documents patient complaints and suggestions and identifies areas for improvement.	n/a
E09	Handling complaints and critical incidents	Documentation of critical incidents and participation in a CIRS	The practice documents critical incidents, identifies areas for improvement and participates in an external Critical Incidents Reporting System (CIRS).	n/a