

UHS paediatric infectious diseases service

List of in-patient and out-patient services (at the time of writing - July 2014):

- Managing infections in immunocompromised children.
- Reviewing children with recurrent infections (investigation and management of).
- Managing opportunistic infections secondary to: immunodeficiency of unknown aetiology, immunodeficiency due to malignancy, chemotherapeutic drugs, viruses.
- Providing specialist input into the management of severe paediatric infections including those requiring intensive care (meningococcal disease, staphylococcal/streptococcal sepsis and toxic shock syndromes, bacterial meningitis, encephalitis, brain abscess, sinusitis, mastoiditis, ophthalmic infections and inflammatory conditions, empyema, endocarditis, abdominal sepsis and gastrointestinal infections, viral hepatitis, complicated urinary tract infections, complex musculo-skeletal infection, complex skin infections).
- Managing children with fever of unknown origin (greater than two weeks duration).
- Identifying and managing nosocomial infections / healthcare associated infection (central line infections, ventilator-associated pneumonia, methicillin resistant *Staphylococcus aureus*, complicated *C Difficile* infection and multi-resistant bacterial infection).
- Serious post-operative infections and post traumatic infections.
- Tuberculosis (TB) (congenital, central nervous system, extra-pulmonary disease, complicated pulmonary disease, drug-resistant TB).
- HIV (all care of HIV-infected children/adolescents).
- Complex and unusual manifestations of neonatal infections (e.g. candida, multi-resistant organisms, pertussis).
- Congenital infections (for example, HIV, Hepatitis, toxoplasmosis, cytomegalovirus, syphilis, rubella, herpes simplex virus, varicella, chlamydia).
- Prevention of perinatal infection (for example, HIV, hepatitis, toxoplasmosis).
- Persistent cervical lymphadenopathy and atypical/non-tuberculous mycobacterial infection.

- Sexually transmitted infections in children.
- Infections with unusual patterns of antimicrobial resistance (bacterial, fungal and viral).
- Complex vaccine advice for passive and active immunisation (non-response, failures, immunocompromised).
- Rare, imported and emerging paediatric infections, (for example, Lyme disease, brucellosis, leptospirosis), slow infections of the CNS (SSPE, spongiform encephalopathies), worldwide emerging new infections (dengue, SARS, influenza, chikungunya), imported infections (severe and complicated malaria, typhoid fever, visceral and cutaneous leishmaniasis).
- Zoonosis (for example, coxiella, bartonella, brucella, psittacosis).
- Overseeing antibiotic stewardship activities across Southampton Children's Hospital.

This service is run by Dr Sanjay Patel and Prof Saul Faust.