

A Trial of Placebo Versus Macrolide for Mycoplasma Pneumoniae Childhood Pneumonia: MYTHIC Study

NCT06325293

Status	RECRUITING
Phase	Not Applicable
Sponsor	Christoph Berger
Enrollment	376 participants

Key Eligibility Criteria

Inclusion (8)

- Children aged 3-17 years (from 3rd up to 18th birthday) presenting to the emergency department (ED) who will be managed ambulatory or will be admitted to general ward.
- Clinical diagnosis of CAP:
- Diagnosis defined as the treating physician's documented diagnosis of CAP; AND
- Fever $\geq 38.0^{\circ}\text{C}$ (measured by any method [i.e., ear, axillary, rectal, or forehead site] in the ED or via parent report observed in the last 24h); AND
- Tachypnea (defined as respiratory rate (RR) above age-specific reference value) during the assessment in ED (triage or clinical examination).

... and 3 more (see full listing online)

Exclusion (8)

- None.
- Contraindication to azithromycin: Documented allergy to azithromycin; cardiovascular disease, including bradycardia, arrhythmias, and/or QT-interval prolongation*; myasthenia gravis.
- Underlying comorbidities: Cystic fibrosis or other chronic lung disorders (excluding asthma), primary or secondary immunodeficiency, sickle-cell anemia, or severe cerebral palsy.
- History of recurrent pneumonia (two or more episodes) or severe pneumonia (ICU admission or complications of CAP such as lung abscess, effusion, and empyema) in lifetime.
- Antibiotic treatment against Mp within the previous 7 days, including macrolides, tetracyclines, or fluoroquinolones.

... and 3 more (see full listing online)

Locations (13 total)

Children's Hospital Aarau, Switzerland, Aarau, Canton of Aargau, Switzerland
University of Basel Children's Hospital, Switzerland, Basel, Canton of Basel-City, Switzerland
University Children's Hospital Bern, Switzerland, Bern, Canton of Bern, Switzerland

... and 10 more locations