

# Instructions for ARCHIE study database search

This database search has been designed to identify children who **may** be eligible to take part in the ARCHIE study if they present with influenza/influenza-like illness (ILI).

This will give you the opportunity to give children and parents a 'heads up' about our study before influenza season starts. Children and parents may register an interest in taking part 'in principle' if they wish to do so.

If you are an EMIS practice, you will be able to Read code potentially eligible children as being '**At risk of influenza-related complications**' (**EMISNQAT42**). EMIS Web practices will also be able to use our **screen prompt** to remind healthcare professionals of children who may be eligible to take part if they present with influenza/ILI.

Please remember to apply the **exclusion criteria** to **inclusion search 1** **AND inclusion search 2**. Please also note that, if any children identified by this search present with influenza/ILI during our recruitment period, you will still need to screen them against our full list of eligibility criteria before deciding whether or not to enter them into our study.

## Inclusion Search 1

**Age 0 to 12 years (inclusive) and Registration status**

**AND** one of the following

Asthma – Asthma (H33) or H/O asthma (14B4.00) or moderate asthma (66SV200) or severe asthma (663V300)  
AND  
>=1 prescription of 'Corticosteroids for inhalation' or 'Drugs for prophylaxis of asthma' within the last 6 months.

**OR**

DESCRIPTION	CTV3	CTV5
>=2 episodes of any of the following within the previous 12 months: Viral wheeze Wheezy bronchitis Acute wheezy bronchitis	173e H302 H060-1	

**OR**

Endocrine, nutritional, metabolic and immunity disorders (C), excluding: C36 (disorders of fluid, electrolyte and acid-base balance), C38 (obesity and other hyperalimentation), C370 (cystic fibrosis), C1z1 (sexual precocity), C3131 (lactose intolerance), C313A (cow's milk intolerance).

**OR**

Any of the following within the previous 12 months: Cow's milk intolerance	C313A J69y4	
Lactose intolerance	C3131	

**OR**

Disorders of psychological development	Eu8	XE2Q8
Congenital cerebral palsy	F23	
Athetoid cerebral palsy	F137	
Cerebral palsy, not congenital or infantile	G669.00	
Cerebral palsy	F2B	
[X] Other infantile cerebral palsy	Fyu9	

**OR**

Heart Failure	G58	G58
Other congenital heart anomalies	P6	
Other congenital circulatory system anomalies	P7	
Bulbus cordis and cardiac septal closure anomalies	P5	
Congenital cardiac failure	Q48y100	
Cardiac septal defect	G5y9.00	
[X] Other congenital malformations of cardiac septa	Pyu2100	

**OR**

Neoplasms (B) excluding benign neoplasms (B7)

**OR**

GFR between 30-59 search on this value or CKD3a	1Z12	XaNbn
CKD3b		
Nephrotic syndrome	K01	XaNbo
Kidney transplant	ZV420	
CKD stage 3	K053	K01 7B00

**OR**

Cirrhosis of liver	J61	X307L
Atresia of bile ducts	PB61	PB61
Chronic hepatitis	J614	J614

**OR**

HIV positive	43C3	43C3
Oral Prednisolone 25 or 50mg		
Chemotherapy	8BAD D106	X71bL X20Cw D106
Sickle Cell-Y20dD		
Bronchopulmonary dysplasia	Q3170	Q3170
Chromosomal anomalies	PJ	

## **Inclusion Search 2**

**Age 0 months to 23 months inclusive and Registration status**

**AND** one of the following

Acute bronchiolitis	H061	
Short gestation and unspecified low birthweight problems	Q11 635	
Premature baby		

## **Exclusion (applicable to both inclusion searches)**

Co-amoxiclav allergy or Adverse reaction –		Xa5sm Xa5UJ
Cystic fibrosis	C370	C370

## **Next steps**

- Exclude any children retrieved by the above searches whom it would not be appropriate to invite to take part in the ARCHIE study.
- Send parents/guardians of children identified as being potentially eligible a pre-season ARCHIE leaflet. You can download copies of this leaflet from [www.archiestudy.com](http://www.archiestudy.com)
- Note which children's parents/guardians express an interest in the study. To ensure this information is clearly visible in the medical record, you may wish to consider coding it as an 'Active problem'.