**Failsafe pathway for BCG risk assessment on NIPE S4N system following the introduction of SCID evaluation**

**Patient Information Leaflet**



**What is severe combined immunodeficiency disease (SCID)?**

• SCID is a group of rare, usually recessively inherited conditions that cause major immune

 system problems

• Leads to reduced and malfunctioning T and B lymphocytes, which are the specialist white blood

 cells made in the bone marrow and the thymus gland to fight infection

**Incidence**

• About 1 in 40,000 babies born in England have SCID - 14 babies per year

• SCID is more common when parents are related to each other

• Babies can have SCID when there is no family history

• Currently, about 30% of babies are identified by family history

• The delay in finding the remaining 70% means that they have been exposed to infection for longer

 before receiving treatment, and could be very sick

**SCID Screening Areas**

The SCID evaluation will commence on 6 September 2021 and will take place over a 2 year period. Great Ormond street laboratory will be undertaking the evaluation in our region of Bedfordshire.

**BCG Immunisation**

BCG vaccination is recommended for babies up to 1 year old who:

• are born in areas of the UK where TB rates are higher than

 in the rest of the country

• have a parent or grandparent who was born in a country

 where there’s a high rate of TB

• BCG is a live vaccine, so giving this to a baby who has an

 Immune condition can:

 ➢ **cause severe side effects**

**➢cause complications for SCID treatment**

**➢increase morbidity and mortality rates**



<https://www.gov.uk/government/publications/scid-screening-helping-you-decide-if-you-want-this-for-your-baby/scid-screening-helping-you-decide>

<https://www.gov.uk/government/publications/screening-tests-for-you-and-your-baby>

**Please find below useful links for information and guidance also available in other languages**

**BCG Immunisation – change in practice**

• From 1 September 2021, the BCG vaccine will be offered at 4 weeks of age where indicated.

SM/acd/SCIDPatientinformationleaflet/v1