NEWBORN SCREENING

OFFERING HOPE TO BABIES WITH TREATABLE RARE DISEASES

screen4rare

WHY DOES NEWBORN SCREENING MATTER?

Did you know? The International Society for Neonatal Screening (ISNS) provides information on the conditions included within newborn screening panels across the world.

https://www.isns-neoscreening.org/

Newborn screening is a life-changing public health achievement that can save lives and help reduce the burden of treatable rare diseases across the world.

Newborn screening has been a cornerstone of public health for 60 years. It has had a life-changing and often **life-saving impact on rare disease patients** by enabling their early detection and timely interventions.

Every year, over **100,000 newborns** with treatable rare conditions could be saved from the worst effects of life altering illnesses thanks to a simple cost-effective intervention called the heel-prick test.

On 28 June, rare disease communities celebrate **International Neonatal Screening Day (INSD)** to raise awareness of its added value.

1

OF THE 140 MILLION BABIES EVERY YEAR, ONLY 1 IN 3 NEWBORNS RECEIVE SCREENING OF ANY TYPE

2

WHILE MANY ARE SCREENED FOR ONLY 1 OR 2 CONDITIONS, 1 RARE DISEASE BABY IS DIAGNOSED BY NEWBORN SCREENING EVERY 15 MINS

3

NEWBORN SCREENING IS COST-EFFECTIVE. EARLY TREATMENT OUTWEIGHS A LIFETIME OF HEALTHCARE EXPENSES AND CAN EVEN BE CURATIVE

SURVIVAL RATE FOR BABIES WITH SCID WHO RECEIVE TIMELY SCREENING **96%**

"Infants identified with Severe Combined Immunodeficiency (SCID) through newborn screening have a significantly higher probability of having a successful curative treatment compared to those identified because of illness or family history.

In the absence of screening, they are likely to receive treatment later and suffer from potentially fatal infections. We must take action to ensure equity of access to this life-saving measure."

Prof Fabio Candotti
ESID President & S4R Member

ON JUNE 28, TELL THE WORLD THAT NEONATAL SCREENING MATTERS. MAKE A DIFFERENCE!

INTERNATIONAL NEONATAL SCREENING DAY
JUNE 28

WWW.NEONATALSCREENINGDAY.ORG **WWW.SCREEN4RARE.ORG**