

<p>Jack's dad</p> <p>Shots of Jack with ventilator</p> <p>Shots of Dr. Nelin examining Jack</p>	<p><i>"He declared himself a fighter very early on." :03</i></p> <p>BUT THIS LIFESAVING TREATMENT ALSO CAUSED JACK TO DEVELOP BRONCHOPULMONARY DYSPLASIA, OR B-P-D, A DANGEROUS LUNG CONDITION THAT'S COMMON AMONG PRE-TERM BABIES. :09</p> <p><i>NATS - Dr. Nelin: "Hey, Jack. How's it going?" :02</i></p>
<p>Graphic with BPD survival rates</p> <p>CG: Leif Nelin, MD Nationwide Children's Hospital</p>	<p>ABOUT TWENTY PERCENT OF BABIES WITH SEVERE B-P-D DON'T SURVIVE, BUT AT NATIONWIDE CHILDREN'S HOSPITAL, EXPERTS ARE TAKING A NEW APPROACH TO TREATMENT THAT HAS DRASTICALLY IMPROVED SURVIVAL RATES TO NINETY-NINE PERCENT IN THEIR COMPREHENSIVE CENTER FOR B-P-D. :07</p> <p><i>"We think of our BPD unit not so much as a pulmonary unit, but more of a neurodevelopmental unit." :04</i></p>
<p>Shots of care team working and playing with Jack</p> <p>Dr. Nelin (CG'd earlier)</p>	<p>RATHER THAN SEDATING PATIENTS AND KEEPING THEM ON VENTILATORS, THERE IS MORE OF A FOCUS ON COMFORT, DEVELOPMENT AND—ESPECIALLY—PLAY. :07</p> <p><i>"You're much more likely to find patients during the daytime hours on a mat on the floor interacting with people than you are in the bed laying there getting ventilator therapy." :09</i></p>
<p>Shots of ventilator and Jack in crib</p> <p>Joe Shields (CG'd earlier)</p>	<p>DOCTORS SAY THEIR SUCCESS ALSO COMES FROM A UNIQUE APPROACH TO VENTILATOR SETTINGS, GIVING MORE OXYGEN WITH SLOWER BREATHS. :05</p> <p><i>"Even early on coming here, as they started to adjust vent settings, you could see Jack even change with those vent settings, just become more comfortable because he could breathe." :13</i></p> <p>FOR JOE SHIELDS... :01</p> <p><i>NATS - Dad giving medication "202, right?" :01</i></p>
<p>Shots of Joe giving Jack medication</p> <p>Dr. Nelin (CG'd earlier)</p>	<p>BEING ABLE TO BE PART OF HIS SON'S CARE HAS HELPED HIM AS MUCH AS IT'S HELPED JACK. :04</p> <p><i>"The parents become an intrical part of the care team here." :02</i></p>

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CG: Leif Nelin, MD
Nationwide Children's Hospital

Nelin says Jack is progressing thanks to effective treatment:
"He's had the opportunity to interact with people. He's got a personality now, and he's really learned to grow. And he's doing a lot of the things that a baby at his age would, which in the past, with a baby as bad a lung disease as Jack has, would have been really, really difficult." :13

Nelin says the new treatment methods started in the lab:
"The interest in BPD and the idea that we could affect the outcomes really started in the lab and with the models we use here, and it really sort of translated over to the clinical side in the way that we care for these patients day-by-day." :12

CG: Joe Shields
Jack's dad

Joe says Jack overcomes challenges with a smile on his face:
"He loves people. He loves doing new things. He often has a smile on his face. He just takes life with stride. Every little challenge he faces, he overcomes." :13

Joe says he's looking forward to having both twins home:
"I'm just looking forward to the boys being able to be brothers and be kids and play together at home." :06

Joe describes the developmental therapy Jack received in the hospital:
"Physical therapy, occupational therapy, he sees both of them a couple times a week to work on his core strength, help him build up his muscle tone and be able to meet those milestones, walk and crawl." :15

References

¹*Comprehensive Center for Bronchopulmonary Dysplasia (BPD), Nationwide Children's Hospital, 2019.* Online:
<https://www.nationwidechildrens.org/specialties/comprehensive-center-for-bronchopulmonary-dysplasia>

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