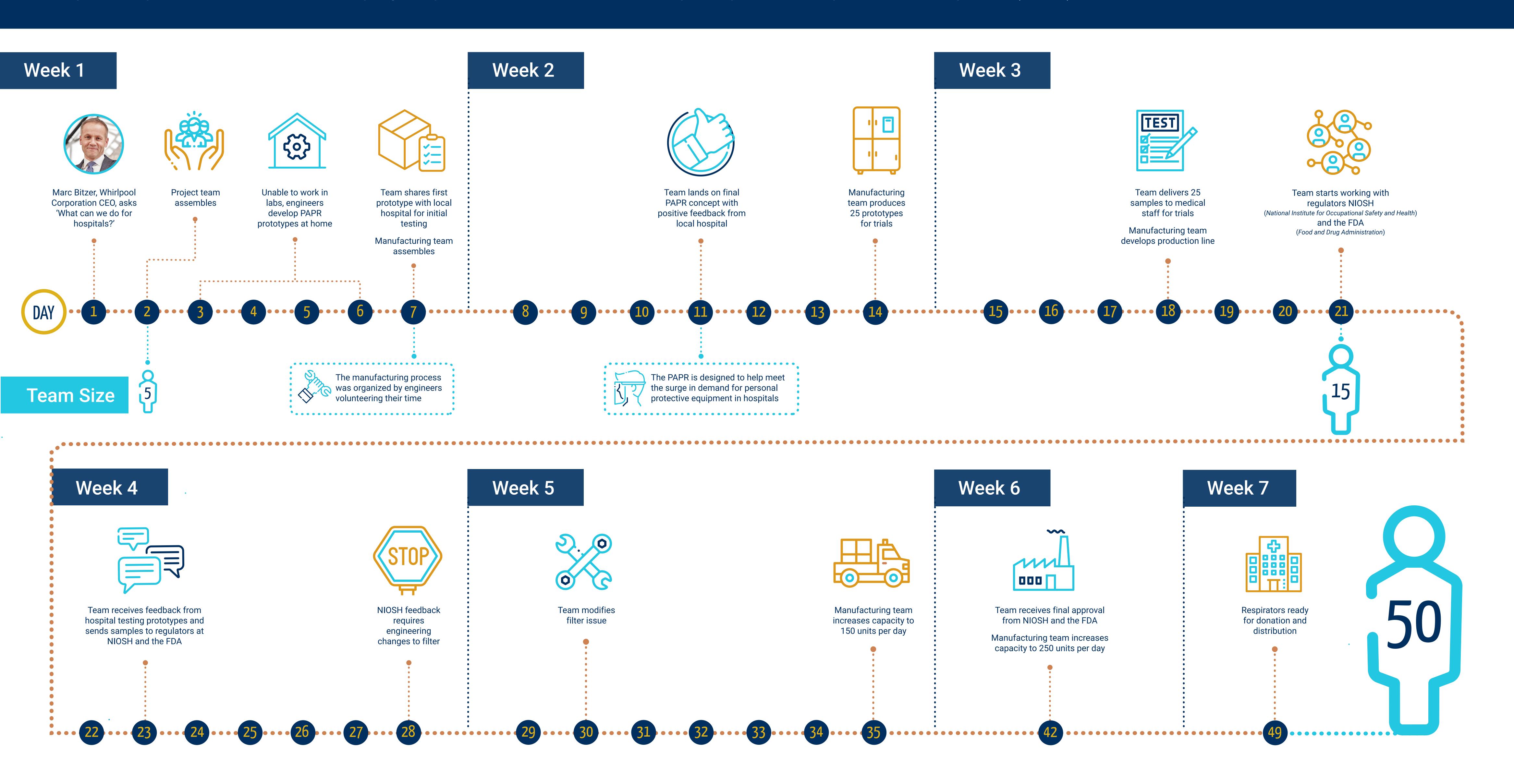
# From Paper to PAPR: Life-Saving Innovation in Seven Weeks



Whirlpool Corporation, committed to helping hospitals tackle COVID-19, developed a powered air-purification respirator (PAPR) for frontline workers



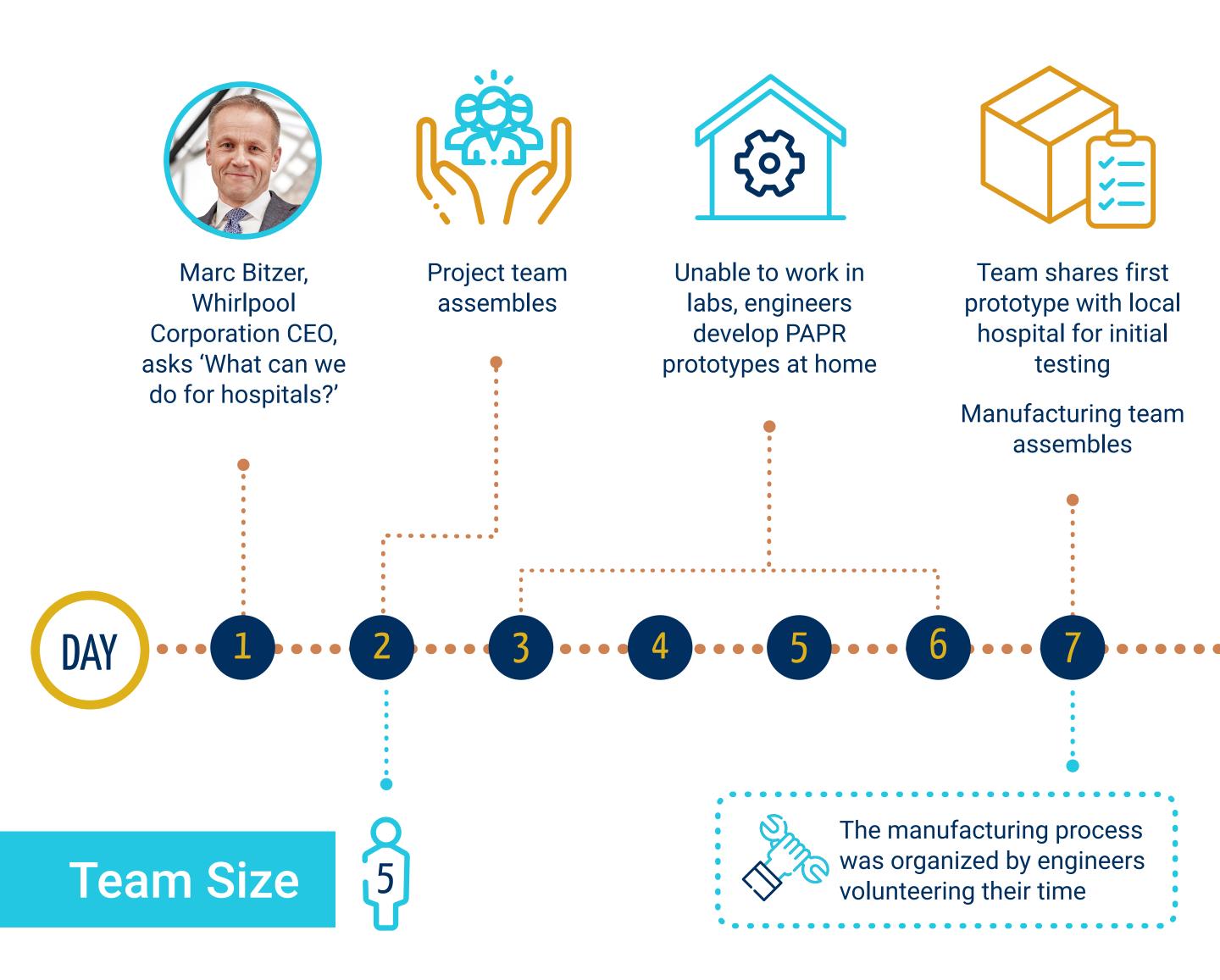
# From Paper to PAPR: Life-Saving Innovation in Seven Weeks





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Team delivers 25 samples to medical staff for trials

Manufacturing team develops production line

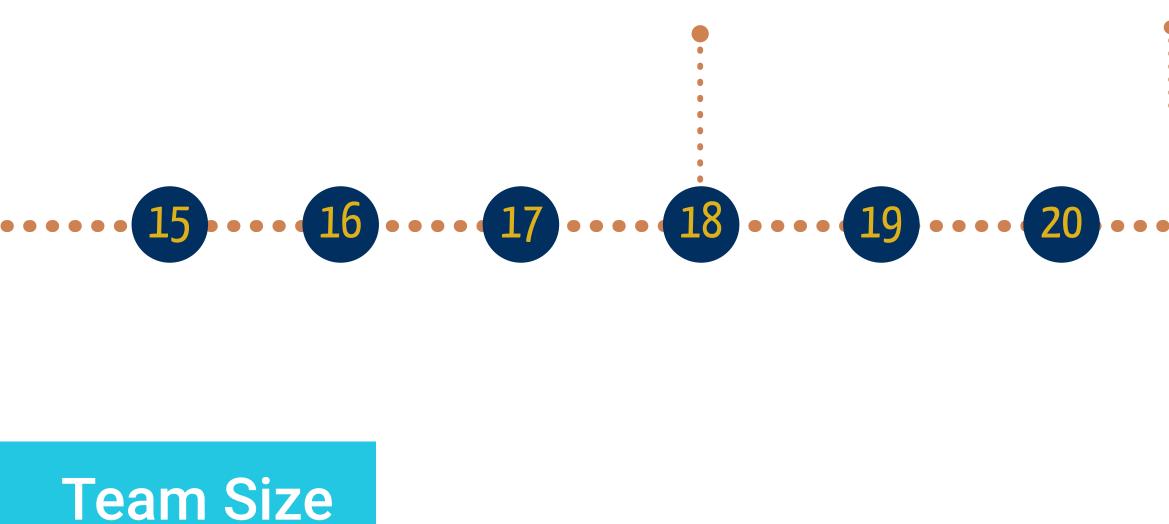


Team starts working with regulators NIOSH

(National Institute for Occupational Safety and Health)

and the FDA

(Food and Drug Administration)



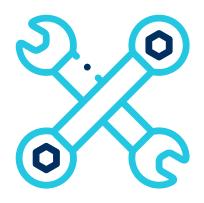


Team receives feedback from hospital testing prototypes and sends samples to regulators at NIOSH and the FDA



NIOSH feedback requires engineering changes to filter





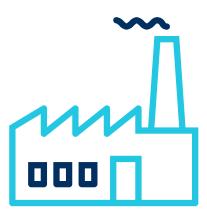
Team modifies filter issue



Manufacturing team increases capacity to 150 units per day

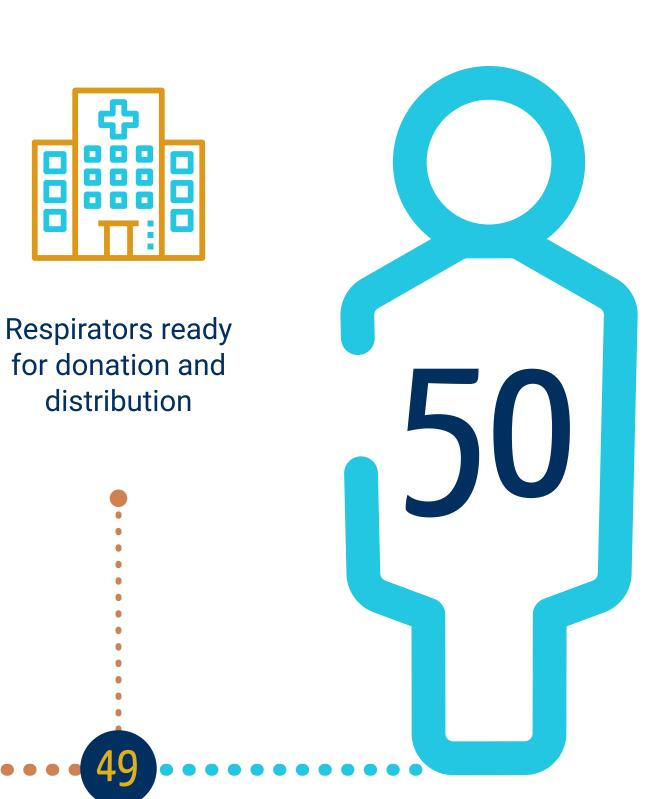


## Week 7



Team receives final approval from NIOSH and the FDA

Manufacturing team increases capacity to 250 units per day



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**Team Size** 

# The PAPR is designed to help meet the surge in demand for personal protective equipment in hospitals

