

Table 5. Home oxygen duration in CNLD worldwide.

Reference	Country	n	PMA at Oxygen Cessation	Oxygen Weaning Methods
Pinney et al. 1976	USA	6	3 months (2-12) ^a	PaO ₂ on arterial blood gas
Campbell et al. 1983	CAN	38	29.9 weeks (9-75) ^a	Spot TcO ₂ measurement
Abman et al. 1984	USA	14	7.9 months (2.5-12) ^a	Spot TcO ₂ measurement
Hudak et al. 1989	USA	30	4.5 months (0.5-17) ^a	SpO ₂ for 60 minutes
Sauve et al. 1989	CAN	44	13.5 months (SD 8) ^b	PaO ₂ and TcO ₂ for 3-12 hours
Silva et al. 1995	AUS	56	6 months (2-38) ^c	Spot SpO ₂ measurement
Baraldi et al. 1997	ITA	21	6.9 months (3-14.7) ^c	SpO ₂ ≥95% over 4 hours, SpO ₂ never below 91%, and no significant tachycardia
Bertrand et al. 1998	CHL	20	5.7 months (SD 3) ^b	Not stated
Norzila et al. 2001	MYS	32	8 months (IQR 5-12) ^d	Overnight oximetry with mean SpO ₂ ≥94%
Saletti et al. 2004	AUS	93	2 months (0-13) ^c	PSG (less than 20 minutes SpO ₂ < 92%, no continuous desaturation < 92% for >5 minutes, and no evidence of OSA)
Hennessy et al. 2008	UK	146	2.5 months	Not stated
Yeh et al. 2016	USA	154	10.9 months (SD 12.7) ^b Median 12.5 months	PSG (67.9%) or no medically supervised weaning (32.1%)
Kulkarni et al. 2019	AUS	41	9 months (5-20) ^c	PSG (no frequent desaturations <80% with poor recovery to baseline SpO ₂)
Batey et al. 2019	UK	44	5 months (2-24) ^c	Overnight oximetry with mean SpO ₂ ≥93%, less than 5% time with SpO ₂ ≤ 90%, less than four events per hour with desaturation ≥4% below baseline.
Our study	AUS	149	6.8 months (IQR 4.4) ^d	Overnight oximetry with mean SpO ₂ ≥93%, less than 5% time with SpO ₂ ≤ 90%, and satisfactory visual analysis of SpO ₂ trace

^a mean (range); ^b mean (standard deviation); ^c median (range); ^d median (interquartile range)

Abbreviations: AUS, Australia; CAN, Canada; CHL, Chile; ITA, Italy; MYS, Malaysia; OSA, obstructive sleep apnea; PaO₂, partial pressure of arterial oxyhemoglobin; PSG, polysomnography; Spot SpO₂, mean peripheral arterial hemoglobin saturation measured in clinic; TcO₂, transcutaneous oxygen tension; UK, United Kingdom; USA, United States of America.