Product of birth—active resuscitation method, code N[N]

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Product of birth—active resuscitation method, code N[N]

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Active resuscitation of baby method
METEOR identifier:	695568
Registration status:	Health, Superseded 03/12/2020
Definition:	Active measure taken immediately after birth to establish a baby's independent respiration and heartbeat, or to treat depressed respiratory effect and to correct metabolic disturbances, as represented by a code.
Context:	Perinatal
Data Element Concept:	Product of birth—active resuscitation method
Value Domain:	Active resuscitation method code N[N]

Value domain attributes

Representational attributes

Representation class:	Code	
Data type:	Number	
Format:	N[N]	
Maximum character length:	2	
	Value	**Meaning**
Permissible values:	2	Suction
	3	Oxygen therapy
	7	Intermittent positive pressure ventilation (IPPV)
	8	Continuous positive airway pressure (CPAP) ventilation
	10	Intubation
	11	External cardiac compressions
	88	Other
Supplementary values:	99	Not stated/inadequately described

Collection and usage attributes

Guide for use:	CODE 7 Intermittent positive pressure ventilation (IPPV) May include flow-driven pressure-limited device, such as Neopuff© (an infant T-piece resuscitator). CODE 8 Continuous positive airway pressure (CPAP) ventilation May include flow-driven pressure-limited device, such as Neopuff© (an infant T-piece resuscitator).
Comments:	Code 1, Codes 4 to 6 and Code 9 have been omitted as these codes are no longer in use. For information about their meaning in previous data elements, see superseded versions.

Source and reference attributes

Submitting organisation: National Perinatal Data Development Committee

Data element attributes

Collection and usage attributes

Guide for use: This data element does not include any drug therapy.

All methods of active resuscitation used should be recorded. Therefore more than one permissible value may be recorded for this data element. Each method should be recorded once only.

The permissible value selected should reflect the method of resuscitation rather than the device used to deliver resuscitation. For example, if intermittent positive pressure ventilation (IPPV) is delivered via a continuous positive airway pressure (CPAP) device, without CPAP ventilation also being delivered, then IPPV only should be recorded.

Comments: Required to analyse need for resuscitation after complications of labour and delivery, and to evaluate level of services needed for different birth settings.

IPPV is also known as intermittent positive pressure respiration (IPPR).

Intubation or laryngeal mask ventilation may be added at any stage of the resuscitation. The timing will often depend on the familiarity and skill of the clinician with the procedure. For a skilled and experienced clinician, intubation will normally occur earlier in the resuscitation.

The use of a size 1 laryngeal mask airway for the administration of IPPV is suitable for neonates of more than 34 weeks gestation or 2,000 grams (up to 5,000 grams) (ANZCOR 2016).

Source and reference attributes

Submitting organisation: National Perinatal Data Development Committee

Reference documents: ANZCOR (Australian Resuscitation Council and New Zealand Resuscitation Council) 2016. ANZCOR Guideline 13.5—Tracheal intubation and ventilation of the newly born infant. Viewed 16 October 2017, https://resus.org.au/guidelines/.

Relational attributes

Related metadata references:

Supersedes Birth event—baby resuscitation method, code N
Health, Superseded 12/12/2018

Has been superseded by Product of birth—active resuscitation method, code N[N]
Health, Standard 03/12/2020
Tasmanian Health, Standard 08/11/2023

See also Product of birth—active resuscitation indicator, yes/no/not stated/inadequately described code N
Health, Superseded 03/12/2020

Implementation in Data Set Specifications:

Perinatal NMDS 2019–20
Health, Superseded 03/12/2020
Implementation start date: 01/07/2019
Implementation end date: 30/06/2020
Conditional obligation:

The data element is only to be recorded if the response to the Product of birth—active resuscitation indicator, yes/no/not stated/inadequately described code N data element is Code 1 (Yes).

Perinatal NMDS 2020–21
Health, Superseded 03/12/2020
Implementation start date: 01/07/2020
Implementation end date: 30/06/2021
Conditional obligation:

The data element is only to be recorded if the response to the Product of birth—active resuscitation indicator, yes/no/not stated/inadequately described code N data element is Code 1 (Yes).