

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:	732883
Registration status:	HealthI , Standard 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																
Permissible values:	<table><thead><tr><th>Value</th><th>Meaning</th></tr></thead><tbody><tr><td>2</td><td>Suction</td></tr><tr><td>3</td><td>Oxygen therapy</td></tr><tr><td>7</td><td>Intermittent positive pressure ventilation (IPPV)</td></tr><tr><td>8</td><td>Continuous positive airway pressure (CPAP) ventilation</td></tr><tr><td>10</td><td>Intubation</td></tr><tr><td>11</td><td>External cardiac compressions</td></tr><tr><td>88</td><td>Other</td></tr></tbody></table>	Value	Meaning	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
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88	Other																
Supplementary values:	99 Not stated/inadequately described																

Collection and usage attributes

Guide for use:	<p>CODE 7 Intermittent positive pressure ventilation (IPPV)</p> <p>May include flow-driven pressure-limited device, such as Neopuff© (an infant T-piece resuscitator).</p> <p>CODE 8 Continuous positive airway pressure (CPAP) ventilation</p> <p>May include flow-driven pressure-limited device, such as Neopuff© (an infant T-piece resuscitator).</p>
Comments:	Code 1 (None), Code 4 (Intermittent positive pressure respiration (IPPR) through bag and mask), Code 5 (Endotracheal intubation and IPPR), Code 6 (External cardiac massage and ventilation) and Code 9 (Not stated) 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 18 September 2020, <https://resus.org.au/guidelines/>.

Relational attributes

Related metadata references: Supersedes [Product of birth—active resuscitation method, code N\[N\] Health!](#), Superseded 03/12/2020

See also [Product of birth—active resuscitation indicator, yes/no/not stated/inadequately described code N Health!](#), Standard 03/12/2020

Implementation in Data Set Specifications:

[Perinatal NMDS 2021–22](#)

[Health!](#), Superseded 17/12/2021

Implementation start date: 01/07/2021

Implementation end date: 30/06/2022

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 2022–23](#)

[Health!](#), Standard 17/12/2021

Implementation start date: 01/07/2022

Implementation end date: 30/06/2023

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).