

# Ardo Bellis – Test report

Ardo Bellis is a multi-version as the personal NICU pump, Ardo Alyssa

## Test results for the trial run at neonatal care unit



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## 1 Introduction

The Ardo Bellis is a handy and mobile breast pump that is approved for use by several mothers. This makes the Ardo Bellis attractive not only for rental, but also for use in hospitals and birth centres. Mobility within the hospital is particularly important for mothers whose babies are in neonatal care units.

Traditional hospital pumps are often occupied by other women and, above all, they are large and heavy and therefore have limited mobility.

The Ardo Bellis is ideally suited as a personal NICU pump - this means one pump per mother on the neonatal care unit for the duration of her stay.

It was precisely this use of Ardo Bellis that was tested on the neonatal care units of the Filderlinik Hamburg and the Klinikum Stadt Soest. The trial run of the Bellis in these hospitals and the subsequent survey were carried out with the breastfeeding consultants responsible there. Three breastfeeding consultants were interviewed, who assisted a total of 31 mothers breastfeeding and expressing with the Ardo Bellis.

## 2 Study design

Ardo Bellis breast pumps version 1.3.5 (63.00.522) with the OMPS Bellis D 26 (63.00.391) were used for the trial run with accompanying survey. The trial took place in October/November 2022 over a period of approx. 6 weeks. The survey of the participating breastfeeding consultants took place afterwards. Lactating mothers whose babies are on the neonatal care unit and who need to express their breast milk to establish, maintain and/or increase milk production were selected as test users. The feedback from the mothers surveyed was recorded anonymously by the breastfeeding consultants, so individual feedback cannot be traced back to specific persons.

## 3 Study results

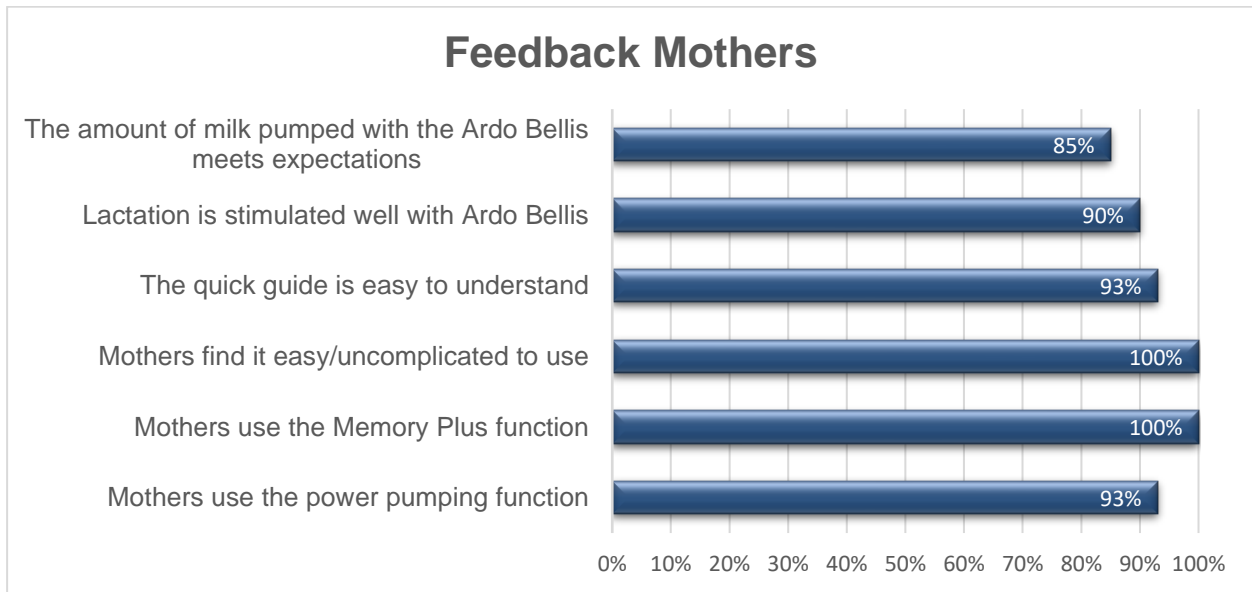
After completing the trial run and subsequent survey of the participating breastfeeding consultants, they gave the Ardo Bellis an overall rating of 10 (0 = very dissatisfied; 10 = very satisfied).

The small and lightweight design of the breast pump and the low noise level during pumping were highlighted as especially positive. Particularly on a neonatal care unit, the noise level must be kept to a minimum in order to avoid stressful situations for premature babies.

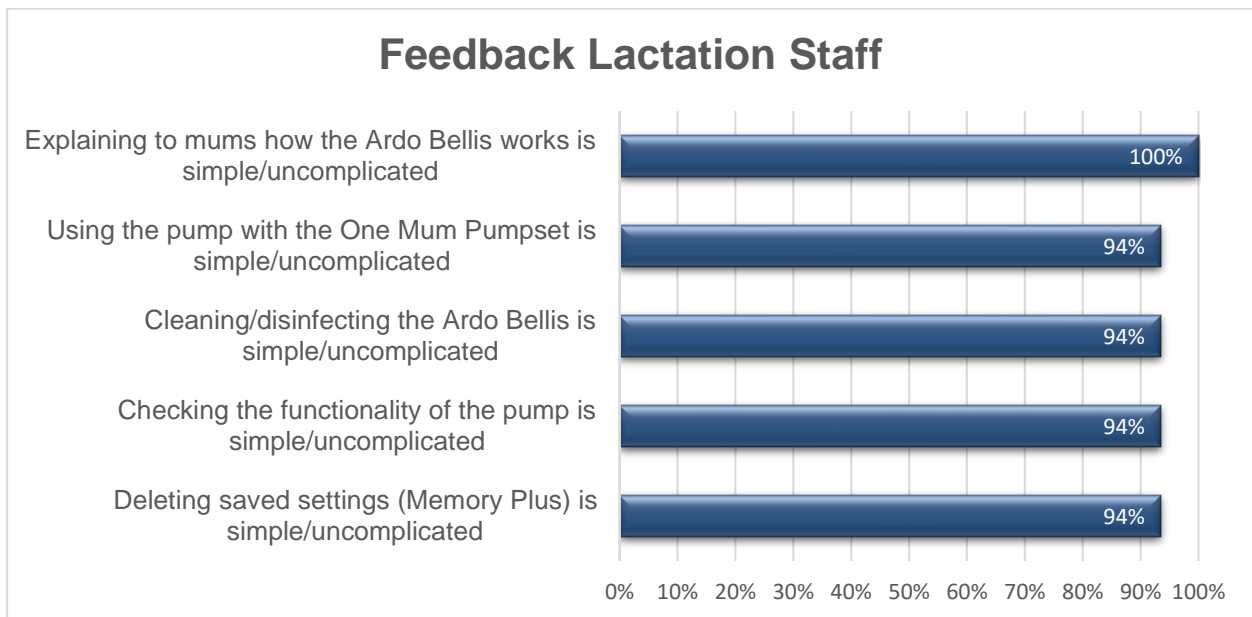
It was also positively noted that the Ardo Bellis has many setting options for vacuum and cycle and can therefore be ideally adjusted to the needs of different mothers. Despite its compact design, the Ardo Bellis achieves a maximum vacuum of 330 mbar, which corresponds to the vacuum performance of modern hospital pumps.

The Ardo Bellis is designed for easy cleaning and disinfection and therefore has no protruding buttons or inaccessible edges. This means that the breast pump can be reprocessed quickly and easily when entering the neonatal care unit.

The participating breastfeeding consultants asked the women using Ardo Bellis in detail about the following evaluation criteria:



The following evaluation criteria were used to assess Ardo Bellis from the perspective of the breastfeeding consultants:



To summarise, it can be concluded that the design and function of the Ardo Bellis is very well suited for use on neonatal care units and in hospitals in general.

Especially when a mobile and lightweight pump is required, the Ardo Bellis has a clear advantage over conventional hospital pumps.

## 4 Document approval /-changes

*Refers to the record (= completed form). Document approval /-changes of template see IQSoft.*

### 4.1 Release of testing plan

Operation	Name / Function	Date	Signature
Author:	Wahlers, Melanie / Product manager		
Approval:	Kretz, Karl / Head of Development		
Release:	Samuel Krähenbühl / CEO		

### 4.2 Change History

Version	Description	Author
V01	First edition	Wahlers, Melanie