

P-BAG VERSUS BEDPAN AND URINE BOTTLE

P-BAG brings you the following advantages

- P-BAG can be used by both women and men.
- P-BAG has a valve that stops the urine from leaking out from the bag. This valve also reduces the urine odour.
- P-BAG is more comfortable for the patient and enables urinating without personnel assistance.
- P-BAG improves the working environment for personnel.
- P-BAG can be used everywhere as it is not necessary to immediately empty the P-BAG. Urine and urine odour is kept inside the bag by the valve.

How much will you have to pay for it?

To figure out this additional cost, we need to estimate today's cost of using bedpan and urine bottle. The data below is acquired from four Swedish hospitals participating in a study on the usage of bedpan and urine bottles.

- On the average, a person needs to urinate five times / 24 hours, that means 5 clean bedpans or clean urine bottles every 24 hours. A dishwasher takes one bedpan or 4-5 urinary bottles each time.
- If you use a bedpan, the bed is usually covered with a sheet of absorbing paper to minimise the spillage on the bedclothes. This cover is disposed of after use.
- The risk of spillage on the bedclothes when using a bedpan is rather big, roughly every third usage of a bedpan results in spillage and an exchange of the sheets in the bed.
- The risk of spillage on the bedclothes when using a urinary bottle is not so big, roughly every fifth usage of the bottle results in spillage and an exchange of the sheets in the bed. On the other hand the urine bottle is often used standing up and older men sometimes drop the filled bottle onto the floor. Cleaning of floor and furniture is necessary.
- In more than every tenth case of urinating using bedpan or bottle, is the preparation time too long and the person urinates in bed. This is often compensated by giving such patients diapers.

Cleaning cost of one patient using a bedpan during 24 hours

Description	Calculation	Cost (EUR)	Time used by personnel
Lifting patient onto the bedpan, waiting for completion and thereafter removing the bedpan.	2 personnel	0.00	16 min
Cleaning 5 times in a dishwasher (detergent, water & electricity). Filling and emptying takes 6 minutes.	5 * EUR 0.30	1.50	30 min
Five disposable bedcovers used under the bedpan	5 * EUR 0.05	0.25	10 min

Description	Calculation	Cost (EUR)	Time used by personnel
Washing sheets, twice every 24 hours. Exchanging sheets in bed takes 6 minutes.	2 * EUR 0.60	1.20	12 min
Total cost using bedpan during 24 hours		2.95	1h 08 min

Cleaning cost of one patient using an urine bottle during 24 hours

Description	Calculation in EUR	Cost (EUR)	Time used by personnel
Helping person use the bottle in 20 % of the cases.	1 personnel		2 min
Cleaning bottle five times in a dishwasher that fits five bottles (detergent, water & electricity). Filling and emptying takes 10 minutes for 5 bottles.	1 * EUR 0.30	0.30	10 min
Washing sheets, once every 24 hours. Exchanging sheets in bed takes 6 minutes.	1 * EUR 0.60	0.60	6 min
Washing the floor and furniture (detergent) once every other day takes 10 minutes.	0.5 * EUR 0.20	0.10	5 min
Total cost using urine bottle during 24 hours		1.00	23 min

To these costs you shall also consider adding 10 % diaper usage on patients where the time of applying bedpan or urine bottle after they have requested it, is too long. The personal P-BAG is always within reach from the bed and can, in most cases, be used by the person himself/herself, without assistance of the personnel.

In the above calculation we have not included any salary cost and in the time calculation we assume that all materials including dishwasher is located next to the patient.

The cost of using P-BAG during 24 hours

With all the advantages that P-BAG brings, for both personnel and patients, a higher cost should be acceptable. The truth is, P-BAG is lower in cost than the cost above of using a bedpan or an urine bottle. How much lower depends if you include the salary cost or not. Time needed to replace and empty the personal P-BAG once every 24 hours is 5 minutes.

We would be happy to send you an offer on how we can help you reduce the costs, while improving the working environment as well as patient comfort.

This product information is presented to you by: