



Collecting data to determine the best dressing of the CVC exit site

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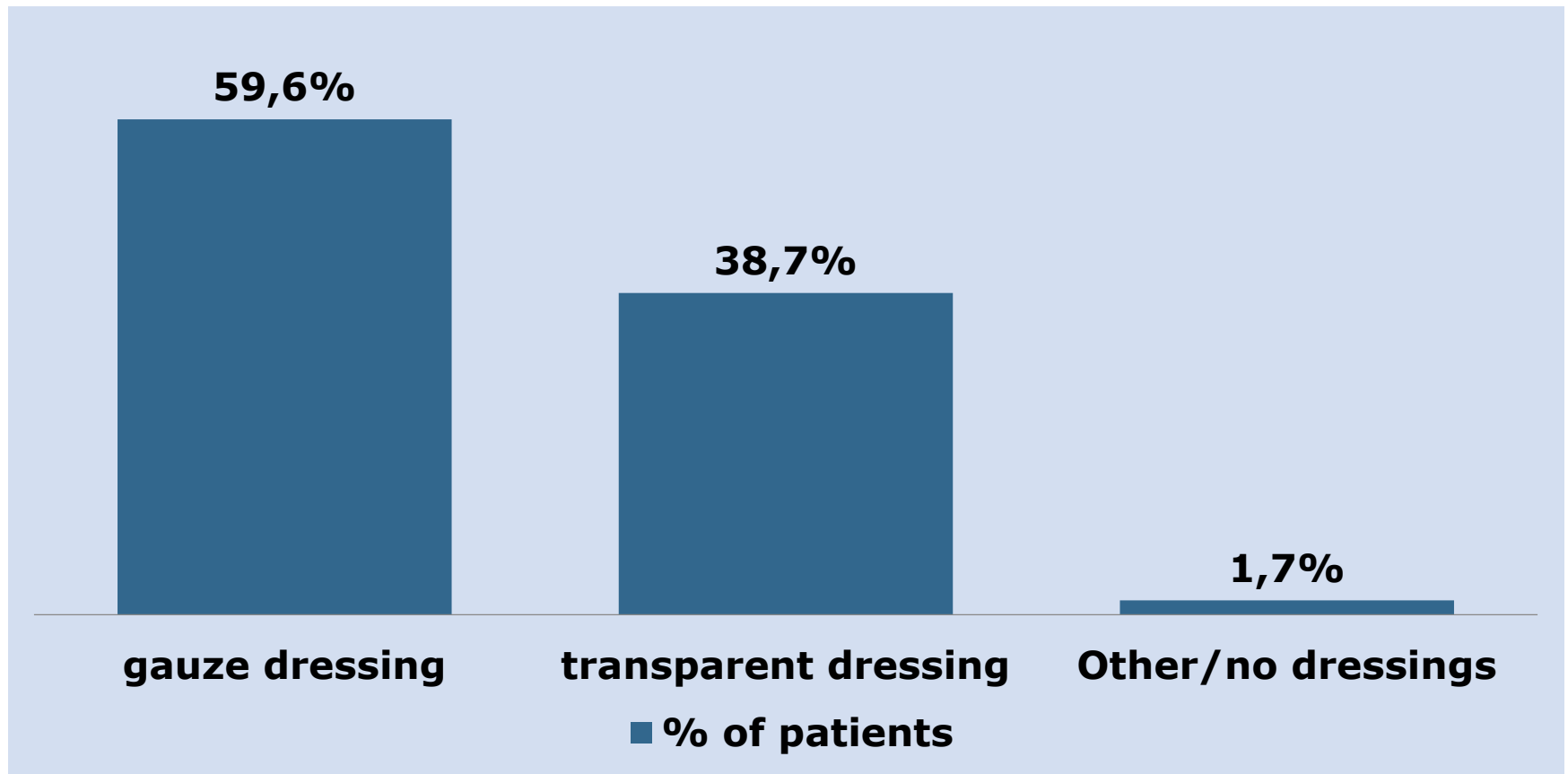
- **Objective**

- To evaluate CVC outcomes focusing on the type of dressing and dressing replacement frequency with careful assessment of complications and integrity.

- **Mehtods**

- We evaluated the data collected in a clinical database regarding the type of dressing used and dressing replacement frequency.
- All statistical analysis were performed using the SPSS software (SPSS V19).

Results: dressing type distribution (1/3)



Results: Cox model with primary outcome CVC infections (2/3)

Parameter	Category	Reference	HR	95% CI		p value
Gender	Female	Male	0.752	0.552	1.024	0.049
Age	18-50 years	50-65 years	1.545	0.923	2.584	0.097
	65-75 years		1.703	1.107	2.622	0.015
	> 75 years		1.270	0.809	1.992	0.297
Dressing Type	Transparent Dressing	Gauze Dressing	1.478	1.036	2.108	0.031
Dressing Frequency	Every Treatment	Twice per week	2.476	0.911	6.727	0.075
		Weekly	0.790	0.511	1.222	0.290

Results: Cox model with primary outcome CVC failure (3/3)

Parameter	Category	Reference	HR	95% CI		p value
Gender	Female	Male	0.831	0.754	0.918	<0.001
Age	18-50 years	50-65 years	1.005	0.862	1.172	0.941
	65-75 years		1.076	0.948	1.221	0.254
	> 75 years		0.807	0.703	0.926	0.002
Dressing Type	Transparent Dressing	Gauze Dressing	1.133	1.008	1.273	0.036
Dressing Frequency	Every Treatment	Twice per week	1.500	1.008	2.231	0.046
		Weekly	0.725	0.625	0.842	<0.001

Conclusions

- Although earlier studies, report a lower risk of catheter-related bloodstream infections for the transparent dressing as compared to gauze dressing, our findings were statistically significantly different. Therefore, further studies are required to evaluate the outcomes of the CVC patients, to evaluate how exit site care can be individualised and optimised to reduce morbidity and mortality and increase the quality of life in this population.

**Thank You Very Much
for Your Attention!**

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