

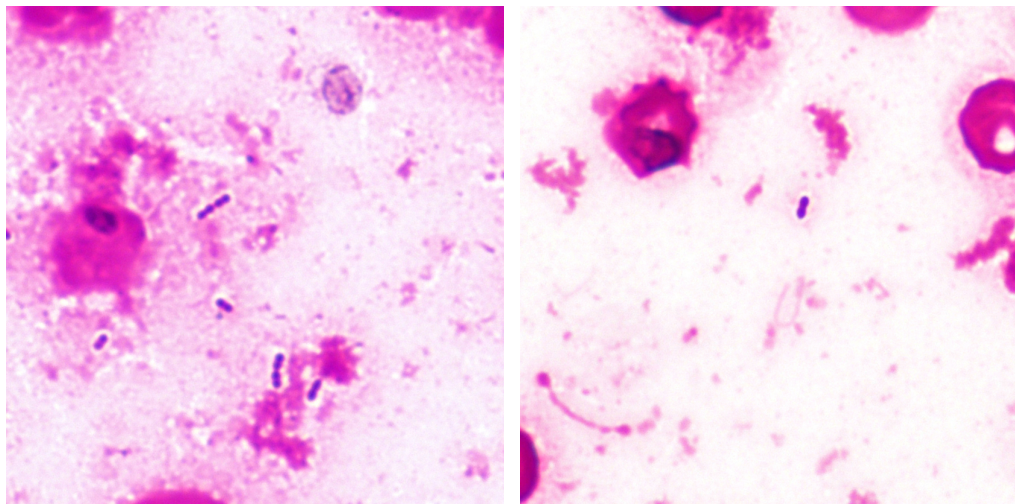


Verein für **medizinische Qualitätskontrolle**
Association **pour le contrôle de Qualité medical**
Associazione **per il controllo di qualità medico**

Comment on interlaboratory test B10 Gram staining 2023-3

In the gram preparation of this sample, *Streptococcus pneumoniae* could be seen.

The blood culture preparation of a sepsis contained gram-positive cocci, which were stored in diplo form and partly also in short chains. The lancet shape of the cocci, which is typical for pneumococci, was also seen. However, the capsule, which is also characteristic of pneumococci, was not clearly visible in the preparation. The polysaccharide capsule is an important virulence factor of the germ, and the polysaccharides of the capsule also determine the serogroup of *Streptococcus pneumoniae*.



Thank you for your participation

Kind regards

F.S. Hufschmid-Lim

Dr. med. vet. PhD V. Hinić

B10 Gram-Färbung

	Zielwert	Punkte	Teilnehmer
Gramverhalten			
negativ			7
positiv	Ja	2	26
gramlabil			4
keine Bakterien			
Morphologie			
Kokken	Ja	2	26
kurze Stäbchen			4
lange Stäbchen			1
gebogene Stäbchen			
Anordnung			
kurze Ketten	Ja	1	27
lange Ketten			2
Haufen			
Diplo	Ja	1	18
Tetraden			
Sonstiges			
fusiforme Stäbchen			
Spirochäten			
Leukozyten	Ja	0	17
Epithelzellen			
Hefe			
Detritus			5