

Supplementary Methods

Hospital Characteristics

Hospital Moinhos de Vento is a general 485-bed tertiary-care hospital from Porto Alegre, capital of Rio Grande do Sul, the Southernmost Brazilian state. The hospital has 76 adult intensive care unit (ICU), 27 neonatal ICU, and 11 pediatric ICU beds.

Blood Culture Protocol

Peripheral blood samples were collected using BD Vacutainer® Safety-Lock Collection Set after skin disinfection with 0.5% alcoholic chlorhexidine. For adults, at least two 10 ml samples were drawn from different venipuncture sites. Bactec Anaerobic Plus and Myco-F Lytic bottles were used when specifically requested by the attending physician. Samples drawn from catheter hub were collected with a disposable sterile syringe after disinfection with 0.5% alcoholic chlorhexidine.

Supplementary Results

Supplementary Table 1. Results of experiment 3 with gloves.

Brand / Batch ^a	Result
A ^b / 1	<i>Paenibacillus phoenicis</i>
A / 2	<i>Paenibacillus phoenicis</i>
A / 3	<i>Paenibacillus barengoltzii</i>
A / 4	<i>Paenibacillus barengoltzii</i>
A / 5	<i>Paenibacillus barengoltzii</i>
A / 6	<i>Paenibacillus phoenicis</i>
A / 7	No growth
B ^b / 1	No growth
C / 1	No growth
C / 2	No growth
D / 1	No growth
D / 2	No growth

^a Ten gloves from each batch of the four different brands were tested.

^b Brand of gloves with powder

Supplementary Table 2. Results of experiment 4 with gloves.

Brand/ Batch ^a	Result
A ^b / 1	<i>Paenibacillus phoenicis</i>
A / 2	<i>Paenibacillus phoenicis</i>
A / 3	<i>Paenibacillus barengoltzii</i>
A / 4	<i>Paenibacillus barengoltzii</i>
A / 5	<i>Paenibacillus barengoltzii</i>
A / 6	<i>Paenibacillus phoenicis</i>
A / 7	<i>Paenibacillus phoenicis</i>
B ^b / 1	No growth
C / 1	No growth
C / 2	No growth
D / 1	No growth
D / 2	No growth

^a Two gloves from each batch of the four different brands were tested. All plates touched with gloves from brand A presented growth of a *Paenibacillus* sp. isolate.

^b Brand of gloves with powder