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Surgeon Gloves

Glove 1: S1,1 | G1 | S1,2 --- ( Side 1 for glove 1 ) | ( Glove 1 ) | ( Side 2 for glove 1 )

Glove 2: S2,1 | G2 | S2,2 --- ( Side 1 for glove 2 ) | ( Glove 2 ) | ( Side 2 for glove 2 )

1. Dr. Gauss puts G1 on his hands and then puts G2 on top of them. Dr. Gauss then operates on Patient 1 and the glove configuration looks like below:

(Dr. Gauss) S1,1 | G1 | S1,2 (Sterile) - (Sterile) S2,1 | G2 | S2,2 (Patient 1)

|  |  |
| --- | --- |
| Side | Contaminated by |
| S1,1 | Dr. Gauss |
| S1,2 |  |
| S2,1 |  |
| S2,2 | Patient 1 |

1. Dr. Gauss then takes off G2 and operates on Patient 2 with the following glove configuration:

(Dr. Gauss) S1,1 | G1 | S1,2 (Patient 2)

|  |  |
| --- | --- |
| Side | Contaminated by |
| S1,1 | Dr. Gauss |
| S1,2 | Patient 2 |
| S2,1 |  |
| S2,2 | Patient 1 |

1. Dr. Gauss then flips G2 inside out and puts the gloves on in the following configuration where the contaminated sides from Patient 1 and Patient 2 are touching.

(Dr. Gauss) S1,1 | G1 | S1,2 (Patient 2) – (Patient 1) S2,2 | G2 | S2,1 (Patient 3)

|  |  |
| --- | --- |
| Side | Contaminated by |
| S1,1 | Dr. Gauss |
| S1,2 | Patient 2 |
| S2,1 | Patient 3 |
| S2,2 | Patient 1 |