

### Appendix3

Person Contamination Table

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Periodontal Papers n=44						
	ID	Author	Person contamination?	OPERATOR	ASSISTANT	PATIENT
1	5	Balcos et al. 2019	YES	<b>Body:</b> Visible dye splatter size using simple suction was between 12.5cms (low frequency) to 25.4cms surface area (high frequency)		
2	8	Bentley et al. 1994	YES	<b>Face:</b> mask 77 (4) <b>Head</b> 36 (6) <b>Body:</b> Chest 25 (118)		<b>Body:</b> Chest 242 (0)
3	9	Choi et al. 2018	YES	<b>Face:</b> Glasses 52.50 ± 4.95 CFU		
4	10	Chuang et al. 2014	YES	<b>Body:</b> Collar inside full face shield 34 +/- 12CFU (case A)		
5	16	Devker et al. 2012	YES	<b>Face:</b> Nose 90.83 CFU	<b>Face:</b> Nose 88.36 CFU	<b>Body:</b> Chest 107.13 CFU
7	21	Feres et al. 2010	YES	<b>Face:</b> Forehead 73 (38) CFU		<b>Body:</b> Chest 66 (412) CFU
8	25	Graetz et al. 2014	YES	<b>Head and Body:</b> Spatter contamination on mannekin head - fluorescein solution photographic images		<b>Head:</b> Spatter contamination on mannekin head - fluorescein solution photographic images
9	31	Gupta et al. 2014	YES	<b>Body:</b> Chest 93.125 ± 9.61	<b>Body:</b> Chest 26.125 ± 6.03	<b>Body:</b> Chest 280.625 ± 22.43
10	44	Kaur et al. 2014	YES	<b>Face:</b> Mask (3 groups)= 28.7± 18.6; 35.2± 24.4; 43.8±37.2 CFU		
	45	King et al. 1997	YES	<b>Face:</b> Face-shield 1.22±1.53 CFU		<b>Face:</b> 45.13 ± 28.95 CFU
11	55	Neiatidanesh et al. 2013	YES	<b>Face:</b> Face-shield contamination by visible groups of		

				splashes recorded (nose, mouth eyes) Mean facial splashes (SD)- outer corner of eye: 8.82 (9.79), Middle of eye 8.06 (10.73), eye inner corner 10.65 (13.9), cheek 7.01 (6.17); lip commissures 8.71 (9.68); lateral ala 10.04 (11.56); middle of lips 7.94 (7.54) TOTAL 9.84 (7.68) $P=0.013$		
12	59	Prospero 2003	YES	<b>Face:</b> Mask 0.0676 CFU cm <sup>2</sup> /min		
13	60	Purohit et al. 2010	YES	<b>Body:</b> Chest 72.4 mean CFU (SD 5.7)		<b>Body:</b> Chest 102.4 mean CFU (SD 4.5)
14	61	Ramesh et al. 2015	YES	<b>Body:</b> Side 12.80 CFU	<b>Body:</b> Side 11.80 CFU	<b>Body:</b> Chest 12.60 CFU
15	62	Rao et al. 2015	YES	<b>Body:</b> Chest range 7-10 CFU		<b>Body:</b> Chest range 5-6 CFU
16	65	Retamal-Valdes et al. 2017	YES	<b>Face:</b> Forehead 94 CFU		<b>Body:</b> Chest= 60 CFU
17	70	Saini 2015	YES			<b>Body:</b> Chest= 90.6(±2.84) CFU
18	71	Sawhney et al. 2015	YES			<b>Body:</b> Chest (results combined for 3 locations - chest, 6 inches from mouth & each side of Pt's chair - Mean CFU 16; 80%
19	72	Serban et al. 2013	YES	<b>Face:</b> Mask (M = 121.35 CFU/m <sup>3</sup> )		
20	73	Sethi et al. 2019	YES			<b>Body:</b> Chest, right side, and left side of the patient =1396.15 ± 214.93, 1064.05 ± 26.69
21	83	Veena et al. 2015	YES	<b>Face:</b> Mask (inside) 4, <b>Body:</b> Head 10, Chest 58 & R.arm 88, L.arm 22 cm <sup>2</sup> Contamination (dye) identified by cm <sup>2</sup>	<b>Face:</b> Mask (inside) 1, <b>Body:</b> Head 12, Chest 34 & R.arm 15, L.arm 42 cm <sup>2</sup> Contamination (dye) identified by cm <sup>2</sup>	

22	85	Watanabe et al. 2013	YES	<b>Face:</b> Mask (median 672.0, IQR 448.0-938.6), dental goggles (median 1106.8, IQR 657.4-1580.3)  <b>Body:</b> Chest (median 672.0, IQR 448.0-938.6) and Right arm (median 761.0, IQR 670.8-914.3)		<b>Face:</b> Dental goggles (median 1519.5, IQR 913.5-1866.7)
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**Air Polishing Papers n=3**

	ID	Author	Person contamination?	OPERATOR	ASSISTANT	PATIENT
1	18	Dos Santos 2014	YES	<b>Face:</b> Forehead & Chest (10cm down from mouth) mean CFU $7.16 \times 10^2$ ( $p=0.0051$ ) sd= 351.03		<b>Body:</b> Chest (thoracic region 15cm from mouth) mean CFU $1.68 \times 10^3$ ( $p=0.0035$ ) sd = 953.80
3	49	Logothetis 1995	YES	<b>Face: mask 82.8 (<math>\pm 12.8</math>) - 84.5 (<math>\pm 9.9</math>) mean CFU</b>		
4	53	Muzzin 1999	YES	<b>Face: mask <math>40.9 \pm 33.80</math> CFUs</b>		<b>Body: Chest <math>148.00 \pm 145.00</math> CFUs</b>

**Hand scaling papers n=1**

	ID	Author	Person contamination?	OPERATOR	ASSISTANT	PATIENT
3	63	Rautemma 2006	YES	<b>Face: mask swabbed but data not reported</b>	<b>Face: mask swabbed but data nor reported</b>	