

Appendix 4: Kaplan–Meier estimates of infections per level of time-variant current daily and cumulative oral glucocorticoid prednisolone-equivalent dose by time since diagnosis of polymyalgia rheumatica or giant cell arteritis

Variable	Cumulative probability, % (95% CI)*; time since diagnosis				
	Within 1 year	First year	Second year	Third year	After third year
All-cause infections					
Incident infections, no. (%)	15 187 (54.2)	1703 (62.7)	1015 (62.3)	807 (61.6)	3522 (56.3)
At 1 year	18.2 (17.8–18.7)	18.0 (16.6–19.5)	18.8 (16.8–20.7)	18.0 (15.8–20.1)	18.7 (17.7–19.7)
Current daily dose, mg					
Nonuse	11.0 (10.4–11.7)	13.0 (11.0–15.0)	13.5 (11.0–15.9)	14.1 (11.4–16.7)	16.8 (15.6–18.0)
> 0.0–4.9	17.3 (16.4–18.3)	19.2 (15.8–22.5)	20.2 (15.2–25.0)	22.2 (16.6–27.5)	19.8 (17.0–22.4)
5.0–14.9	20.8 (20.0–21.6)	22.2 (19.2–25.1)	24.6 (20.5–28.5)	20.2 (15.4–24.7)	21.6 (19.1–24.0)
15.0–24.9	31.2 (29.1–33.2)	27.5 (19.6–34.6)	28.2 (16.8–38.0)	26.5 (9.9–40.0)	24.4 (17.3–30.9)
≥ 25.0	35.7 (32.5–38.8)	26.1 (12.7–37.4)	28.6 (9.5–43.6)	47.9 (24.1–64.2)	42.0 (29.3–52.4)
Cumulative dose in last year, mg					
Nonuse	3.4 (3.1–3.6)	4.1 (3.2–5.0)	5.7 (4.3–7.0)	8.2 (6.4–10.0)	11.2 (10.3–12.1)
> 0.0–959.9	40.4 (38.6–42.2)	33.9 (27.3–40.0)	33.3 (24.8–40.9)	30.8 (22.0–38.6)	36.2 (31.7–40.3)
960.0–3054.9	49.2 (47.7–50.7)	48.5 (43.1–53.4)	53.4 (46.4–59.6)	49.6 (40.9–57.0)	47.7 (43.6–51.5)
≥ 3055.0	56.3 (53.6–58.8)	76.4 (68.7–82.2)	68.5 (56.6–77.1)	67.6 (50.8–78.7)	72.6 (63.1–79.7)
Total cumulative dose, mg					
Nonuse	25.9 (24.1–27.7)	17.5 (13.1–21.7)	16.0 (11.8–20.0)	17.2 (13.3–20.9)	17.6 (16.1–19.0)
> 0.0–959.9	32.6 (31.0–34.1)	21.7 (17.0–26.1)	15.3 (10.0–20.3)	14.6 (9.3–19.7)	21.4 (18.3–24.3)
960.0–3054.9	21.4 (20.7–22.2)	22.9 (19.7–25.9)	25.2 (20.7–29.4)	25.4 (20.2–30.3)	23.8 (21.3–26.3)
3055.0–7299.9	8.1 (7.6–8.7)	16.0 (13.8–18.2)	18.3 (15.0–21.6)	15.2 (11.2–19.0)	16.7 (14.5–18.9)
≥ 7300.0	6.0 (4.2–7.7)	7.4 (3.7–10.9)	13.1 (7.3–18.5)	12.8 (4.1–20.7)	7.1 (3.4–10.6)
At 5 years	54.0 (53.3–54.7)	54.9 (52.8–57.0)	55.9 (53.0–58.5)	55.6 (52.5–58.6)	57.2 (55.7–58.7)
Current daily dose, mg					
Nonuse	39.0 (38.1–39.9)	43.8 (40.9–46.6)	45.3 (41.5–48.9)	47.6 (43.4–51.5)	51.3 (49.4–53.2)
> 0.0–4.9	65.0 (63.3–66.6)	64.3 (58.7–69.1)	65.0 (57.2–71.3)	70.1 (61.8–76.5)	63.9 (60.0–67.5)
5.0–14.9	71.0 (69.7–72.3)	69.4 (64.9–73.3)	67.9 (62.1–72.9)	61.5 (54.4–67.5)	65.8 (62.5–68.8)
15.0–24.9	78.0 (75.1–80.5)	80.3 (68.9–87.5)	81.5 (66.6–89.7)	79.3 (58.5–89.6)	71.2 (62.3–78.0)
≥ 25.0	82.3 (78.5–85.4)	73.9 (57.3–84.0)	85.9 (61.9–94.8)	80.3 (44.3–93.1)	77.5 (66.9–84.7)

Cumulative dose in last year, mg					
Nonuse	29.0 (28.1–29.9)	33.1 (30.3–35.7)	35.4 (31.8–38.8)	37.5 (33.6–41.3)	43.4 (41.5–45.2)
> 0.0–959.9	74.0 (72.2–75.7)	74.9 (68.3–80.1)	78.3 (69.9–84.3)	80.5 (71.3–86.8)	77.3 (73.1–80.8)
960.0–3054.9	84.6 (83.3–85.8)	87.2 (83.3–90.2)	83.2 (77.7–87.4)	84.0 (77.3–88.8)	82.1 (79.1–84.7)
≥ 3055.0	92.3 (90.3–93.9)	93.1 (85.8–96.7)	92.3 (81.2–96.8)	91.9 (79.6–96.8)	93.3 (88.1–96.2)
Total cumulative dose, mg					
Nonuse	61.0 (58.6–63.3)	59.5 (52.2–65.7)	55.8 (48.4–62.1)	56.9 (50.6–62.3)	57.4 (54.8–59.8)
> 0.0–959.9	63.8 (61.9–65.6)	61.3 (54.5–67.0)	51.9 (42.8–59.6)	50.1 (40.6–58.1)	61.5 (57.2–65.5)
960.0–3054.9	61.6 (60.4–62.9)	60.2 (55.4–64.5)	61.3 (55.0–66.7)	62.4 (54.9–68.7)	62.5 (58.8–65.9)
3055.0–7299.9	53.0 (51.8–54.2)	59.1 (55.3–62.6)	65.4 (59.8–70.2)	64.4 (57.4–70.2)	62.9 (59.5–66.0)
≥ 7300.0	34.5 (33.0–36.0)	39.5 (35.2–43.6)	42.4 (36.6–47.6)	40.1 (32.8–46.6)	38.7 (34.9–42.3)
At 10 years	75.9 (75.1–76.7)	77.6 (75.4–79.6)	78.0 (75.2–80.6)	77.2 (74.0–80.0)	79.9 (78.4–81.4)
Current daily dose, mg					
Nonuse	65.6 (64.4–66.7)	69.0 (65.9–71.9)	69.9 (65.7–73.6)	69.7 (65.2–73.7)	76.2 (74.1–78.2)
> 0.0–4.9	84.4 (82.5–86.2)	86.5 (81.1–90.4)	85.6 (77.3–90.8)	88.0 (80.6–92.6)	81.3 (77.3–84.5)
5.0–14.9	88.9 (87.5–90.2)	89.4 (85.4–92.4)	88.6 (83.2–92.2)	87.4 (80.1–92.0)	86.7 (83.6–89.3)
15.0–24.9	92.9 (89.8–95.1)	93.4 (83.5–97.4)	94.0 (79.1–98.3)	90.0 (66.8–97.0)	87.0 (77.9–92.4)
≥ 25.0	93.9 (90.0–96.3)	90.1 (72.6–96.4)	–	82.6 (53.8–93.4)	91.6 (82.0–96.0)
Cumulative dose in last year, mg					
Nonuse	60.0 (58.7–61.3)	62.3 (58.9–65.5)	64.8 (60.2–68.8)	63.4 (58.5–67.7)	71.1 (68.9–73.2)
> 0.0–959.9	87.4 (85.3–89.3)	92.9 (87.5–96.0)	93.9 (85.6–97.4)	88.6 (79.8–93.6)	88.4 (84.6–91.3)
960.0–3054.9	92.7 (91.3–93.8)	95.0 (91.4–97.1)	93.0 (88.2–95.9)	97.0 (90.5–99.1)	92.3 (89.5–94.4)
≥ 3055.0	96.6 (94.6–97.9)	98.7 (91.4–99.8)	91.4 (76.0–96.9)	–	98.6 (91.3–99.8)
Total cumulative dose, mg					
Nonuse	79.2 (76.5–81.5)	79.4 (71.9–84.9)	79.0 (71.0–84.9)	75.6 (68.5–81.1)	80.9 (77.8–83.7)
> 0.0–959.9	82.3 (80.1–84.2)	85.6 (77.7–90.7)	79.3 (68.7–86.3)	78.8 (68.2–85.9)	81.2 (76.6–84.9)
960.0–3054.9	80.7 (79.1–82.1)	79.4 (74.5–83.4)	81.7 (75.2–86.5)	84.3 (77.0–89.3)	84.0 (80.5–86.9)
3055.0–7299.9	74.5 (73.0–75.9)	79.6 (75.8–82.8)	79.2 (73.7–83.6)	80.3 (72.8–85.8)	82.2 (78.8–85.0)
≥ 7300.0	66.3 (64.3–68.1)	69.5 (64.9–73.6)	72.6 (66.3–77.6)	67.3 (59.4–73.7)	69.3 (65.1–72.9)

Bacterial infections					
Incident infections, no. (%)	3421 (12.2)	422 (15.5)	254 (15.6)	227 (17.3)	910 (14.5)
At 1 year	2.9 (2.7–3.1)	3.1 (2.5–3.8)	3.0 (2.1–3.8)	3.6 (2.5–4.6)	4.3 (3.8–4.9)
Current daily dose, mg					
Nonuse	1.4 (1.2–1.7)	2.0 (1.2–2.8)	1.8 (0.9–2.7)	3.0 (1.7–4.3)	3.6 (3.0–4.2)
> 0.0–4.9	3.0 (2.6–3.5)	3.6 (1.9–5.2)	3.8 (1.5–6.1)	5.7 (2.5–8.7)	5.7 (4.1–7.2)
5.0–14.9	3.3 (2.9–3.6)	4.0 (2.6–5.4)	3.1 (1.4–4.8)	3.0 (1.1–5.0)	4.9 (3.6–6.2)
15.0–24.9	6.3 (5.1–7.4)	6.3 (2.0–10.5)	9.7 (2.6–16.4)	2.7 (0.0–7.8)	6.2 (2.4–9.9)
≥ 25.0	7.5 (5.7–9.4)	4.2 (0.0–9.8)	8.4 (0.0–18.8)	10.0 (0.0–22.2)	15.0 (5.4–23.6)
Cumulative dose in last year, mg					
Nonuse	0.4 (0.3–0.4)	0.5 (0.2–0.8)	0.6 (0.2–1.1)	1.4 (0.7–2.1)	2.1 (1.7–2.5)
> 0.0–959.9	11.3 (9.8–12.9)	11.9 (6.0–17.5)	8.4 (2.6–13.9)	11.9 (3.7–19.4)	12.1 (8.4–15.5)
960.0–3054.9	16.2 (14.7–17.8)	17.8 (12.0–23.3)	15.1 (8.3–21.4)	18.6 (9.7–26.6)	22.7 (18.0–27.1)
≥ 3055.0	20.5 (17.1–23.7)	37.7 (21.4–50.5)	30.2 (12.8–44.1)	17.6 (1.9–30.8)	36.5 (22.6–48.0)
Total cumulative dose, mg					
Nonuse	3.7 (2.9–4.5)	1.7 (0.2–3.2)	1.7 (0.2–3.1)	3.8 (1.8–5.7)	3.7 (3.0–4.5)
> 0.0–959.9	5.7 (4.9–6.5)	4.5 (2.2–6.8)	3.3 (0.7–5.8)	1.8 (0.0–3.7)	5.6 (3.8–7.3)
960.0–3054.9	3.8 (3.4–4.1)	4.5 (2.9–6.1)	4.2 (2.1–6.2)	6.0 (3.1–8.8)	5.8 (4.4–7.2)
3055.0–7299.9	1.2 (1.0–1.4)	2.8 (1.8–3.8)	3.1 (1.6–4.5)	3.1 (1.3–5.0)	4.4 (3.2–5.6)
≥ 7300.0	0.4 (0.0–0.8)	0.9 (0.0–2.1)	1.9 (0.0–4.1)	0.0 (0.0–0.0)	0.8 (0.0–1.9)
At 5 years	10.9 (10.5–11.4)	11.9 (10.5–13.2)	12.0 (10.1–13.8)	14.4 (12.2–16.6)	13.9 (12.9–14.9)
Current daily dose, mg					
Nonuse	6.6 (6.2–7.0)	7.3 (5.9–8.7)	7.8 (5.8–9.7)	10.5 (8.1–12.9)	11.3 (10.1–12.5)
> 0.0–4.9	16.4 (15.0–17.7)	19.1 (14.4–23.6)	18.2 (12.0–23.9)	22.5 (15.2–29.2)	17.2 (14.2–20.1)
5.0–14.9	17.6 (16.3–18.8)	18.2 (14.3–22.0)	16.1 (11.3–20.6)	19.4 (13.6–24.8)	17.3 (14.6–19.9)
15.0–24.9	22.3 (19.0–25.4)	35.6 (19.6–48.4)	25.9 (12.0–37.5)	20.8 (2.3–35.8)	24.5 (16.2–32.0)
≥ 25.0	27.9 (22.9–32.6)	19.4 (3.5–32.7)	38.5 (10.9–57.5)	26.0 (0.1–45.1)	31.5 (18.0–42.8)
Cumulative dose in last year, mg					
Nonuse	4.2 (3.8–4.5)	4.4 (3.4–5.4)	5.2 (3.8–6.6)	7.0 (5.1–8.8)	7.9 (7.0–8.8)
> 0.0–959.9	21.8 (19.8–23.9)	29.9 (21.3–37.5)	28.5 (16.4–38.9)	38.6 (24.6–50.1)	28.2 (22.7–33.4)
960.0–3054.9	31.8 (29.5–34.0)	42.3 (32.9–50.4)	30.9 (21.3–39.3)	39.8 (27.8–49.9)	34.7 (29.9–39.2)
≥ 3055.0	46.7 (40.8–51.9)	55.5 (37.6–68.3)	67.0 (39.8–81.9)	64.2 (35.7–80.1)	57.8 (43.0–68.7)

Total cumulative dose, mg					
Nonuse	11.4 (9.7–13.0)	9.1 (4.8–13.3)	11.4 (6.6–16.0)	14.7 (10.1–19.1)	13.3 (11.5–15.0)
> 0.0–959.9	14.2 (12.7–15.7)	12.6 (8.3–16.8)	12.7 (6.7–18.3)	10.2 (4.4–15.6)	16.1 (12.8–19.3)
960.0–3054.9	14.3 (13.2–15.2)	14.3 (10.8–17.7)	11.9 (7.8–15.9)	19.5 (13.4–25.1)	16.6 (13.6–19.4)
3055.0–7299.9	10.8 (10.1–11.6)	13.2 (10.5–15.9)	16.3 (11.8–20.5)	18.3 (12.7–23.6)	16.5 (13.9–19.0)
≥ 7300.0	6.5 (5.9–7.2)	9.3 (7.1–11.5)	8.8 (5.9–11.6)	9.4 (5.7–13.0)	8.8 (6.9–10.6)
At 10 years	20.4 (19.6–21.1)	21.2 (19.1–23.3)	22.4 (19.5–25.1)	23.5 (20.4–26.5)	23.0 (21.4–24.6)
Current daily dose, mg					
Nonuse	14.7 (13.8–15.5)	16.2 (13.9–18.6)	16.8 (13.5–19.9)	18.1 (14.5–21.5)	18.7 (16.8–20.5)
> 0.0–4.9	29.8 (27.2–32.2)	32.6 (25.3–39.2)	27.8 (19.2–35.4)	33.0 (23.3–41.5)	26.1 (21.7–30.2)
5.0–14.9	31.2 (28.9–33.5)	27.6 (21.8–33.0)	27.7 (20.3–34.5)	29.6 (21.4–36.9)	30.8 (26.5–34.9)
15.0–24.9	34.7 (29.0–40.0)	30.5 (17.1–41.7)	46.0 (22.6–62.3)	61.9 (5.2–84.7)	33.1 (21.3–43.1)
≥ 25.0	41.1 (31.7–49.3)	49.6 (11.8–71.2)	83.2 (14.5–96.7)	47.8 (3.4–71.8)	46.9 (29.9–59.7)
Cumulative dose in last year, mg					
Nonuse	12.0 (11.3–12.8)	12.4 (10.3–14.4)	13.6 (10.7–16.3)	14.4 (11.3–17.4)	15.1 (13.5–16.7)
> 0.0–959.9	31.4 (28.2–34.6)	38.4 (28.4–47.0)	41.9 (17.7–59.0)	38.3 (24.4–49.7)	35.4 (28.6–41.6)
960.0–3054.9	40.8 (37.4–44.0)	42.0 (33.3–49.6)	42.4 (30.4–52.3)	46.2 (33.7–56.3)	43.4 (36.3–49.8)
≥ 3055.0	48.9 (42.5–54.5)	56.2 (32.6–71.5)	69.8 (39.5–85.0)	49.1 (30.6–62.7)	67.1 (47.3–79.5)
Total cumulative dose, mg					
Nonuse	20.5 (17.7–23.3)	17.7 (10.1–24.7)	27.0 (17.6–35.3)	23.3 (16.1–29.9)	23.8 (20.1–27.2)
> 0.0–959.9	22.3 (20.0–24.5)	19.8 (13.2–25.9)	21.2 (12.5–29.1)	21.3 (11.6–29.9)	25.3 (20.2–30.1)
960.0–3054.9	24.0 (22.2–25.7)	23.4 (18.0–28.4)	22.4 (15.6–28.7)	31.7 (22.9–39.4)	24.9 (20.7–28.9)
3055.0–7299.9	19.4 (18.0–20.7)	26.9 (22.3–31.3)	25.7 (19.5–31.5)	25.5 (18.2–32.1)	25.5 (21.8–29.1)
≥ 7300.0	17.3 (16.1–18.6)	16.7 (13.6–19.7)	18.8 (14.2–23.2)	18.1 (13.0–23.0)	17.7 (14.9–20.3)
Viral infections					
Incident infections, no. (%)	3731 (13.3)	361 (13.3)	240 (14.7)	193 (14.7)	819 (13.1)
At 1 year	3.9 (3.6–4.1)	3.3 (2.6–4.0)	4.1 (3.1–5.1)	3.8 (2.7–4.9)	3.3 (2.8–3.8)
Current daily dose, mg					
Nonuse	2.2 (1.9–2.5)	2.1 (1.2–2.9)	3.2 (2.0–4.4)	3.2 (1.9–4.5)	2.8 (2.3–3.4)
> 0.0–4.9	3.6 (3.1–4.1)	4.0 (2.3–5.8)	5.7 (2.9–8.5)	3.9 (1.2–6.6)	2.4 (1.3–3.4)
5.0–14.9	4.6 (4.2–5.1)	4.5 (3.0–6.0)	4.3 (2.3–6.3)	4.1 (1.8–6.4)	4.7 (3.5–6.0)
15.0–24.9	7.3 (6.1–8.5)	5.6 (1.5–9.6)	5.9 (0.1–11.4)	2.7 (0.0–7.8)	9.1 (4.4–13.5)
≥ 25.0	8.4 (6.4–10.3)	2.2 (0.0–6.3)	4.2 (0.0–11.8)	20.0 (0.4–35.7)	3.5 (0.0–8.3)

Cumulative dose in last year, mg					
Nonuse	0.6 (0.5–0.7)	0.6 (0.3–0.9)	0.8 (0.3–1.3)	1.6 (0.9–2.4)	1.6 (1.3–2.0)
> 0.0–959.9	15.4 (13.6–17.1)	9.6 (4.2–14.6)	13.8 (6.8–20.4)	12.6 (3.9–20.5)	8.3 (5.2–11.3)
960.0–3054.9	18.2 (16.6–19.7)	20.6 (14.6–26.1)	24.6 (16.6–31.8)	18.3 (9.5–26.2)	17.2 (13.2–21.0)
≥ 3055.0	25.8 (22.4–29.1)	27.2 (15.3–37.4)	18.6 (4.2–30.9)	19.1 (3.8–32.0)	24.8 (12.9–35.0)
Total cumulative dose, mg					
Nonuse	6.0 (5.0–7.0)	3.4 (1.3–5.4)	2.6 (0.8–4.4)	3.7 (1.8–5.6)	2.6 (2.0–3.2)
> 0.0–959.9	8.2 (7.2–9.1)	3.3 (1.3–5.4)	3.4 (0.7–6.0)	4.0 (1.0–6.8)	4.2 (2.6–5.7)
960.0–3054.9	4.4 (4.0–4.8)	4.7 (3.1–6.3)	5.9 (3.5–8.3)	6.3 (3.2–9.2)	4.8 (3.5–6.1)
3055.0–7299.9	1.8 (1.5–2.0)	2.9 (1.9–3.9)	4.4 (2.7–6.1)	2.9 (1.1–4.6)	3.3 (2.2–4.3)
≥ 7300.0	1.0 (0.3–1.6)	1.3 (0.0–2.7)	2.0 (0.0–4.2)	0.0 (0.0–0.0)	2.0 (0.2–3.6)
At 5 years	13.2 (12.8–13.7)	11.3 (10.0–12.7)	13.2 (11.3–15.1)	13.7 (11.6–15.9)	13.1 (12.0–14.1)
Current daily dose, mg					
Nonuse	8.4 (7.9–8.9)	7.5 (6.0–8.9)	10.6 (8.4–12.8)	10.7 (8.2–13.1)	10.5 (9.3–11.7)
> 0.0–4.9	18.1 (16.7–19.5)	15.6 (11.3–19.7)	19.0 (12.8–24.8)	17.1 (10.0–23.6)	16.1 (13.0–19.1)
5.0–14.9	21.5 (20.2–22.8)	19.1 (15.0–22.9)	13.4 (9.2–17.3)	16.8 (11.4–21.8)	17.9 (15.1–20.6)
15.0–24.9	25.0 (21.6–28.2)	21.9 (8.3–33.4)	28.3 (11.3–42.1)	36.1 (13.2–52.9)	19.0 (11.7–25.7)
≥ 25.0	28.7 (23.5–33.5)	19.8 (5.3–32.1)	34.0 (0.0–57.0)	43.4 (3.3–66.9)	19.4 (7.8–29.5)
Cumulative dose in last year, mg					
Nonuse	5.5 (5.1–5.9)	4.6 (3.5–5.6)	6.7 (5.0–8.3)	7.4 (5.6–9.3)	7.5 (6.6–8.5)
> 0.0–959.9	25.7 (23.6–27.8)	22.9 (15.3–29.7)	26.4 (15.5–35.9)	23.3 (10.2–34.5)	30.2 (24.3–35.6)
960.0–3054.9	35.0 (32.7–37.2)	40.7 (32.3–48.1)	32.5 (24.3–39.7)	46.0 (33.4–56.2)	31.6 (26.9–35.9)
≥ 3055.0	48.3 (42.8–53.2)	37.6 (22.4–49.7)	46.3 (11.1–67.5)	59.5 (5.2–82.7)	47.3 (31.6–59.4)
Total cumulative dose, mg					
Nonuse	17.5 (15.5–19.4)	11.3 (6.6–15.7)	12.9 (7.9–17.6)	14.8 (10.3–19.0)	12.1 (10.4–13.9)
> 0.0–959.9	19.1 (17.5–20.8)	12.2 (7.7–16.6)	10.2 (4.9–15.2)	11.2 (5.6–16.5)	14.2 (11.0–17.3)
960.0–3054.9	16.1 (15.0–17.1)	14.2 (10.7–17.5)	16.3 (11.5–20.9)	15.2 (9.6–20.5)	17.3 (14.3–20.3)
3055.0–7299.9	13.2 (12.4–14.0)	13.2 (10.5–15.9)	18.4 (13.8–22.8)	16.1 (10.8–21.2)	16.3 (13.5–18.9)
≥ 7300.0	7.2 (6.5–7.8)	7.4 (5.4–9.4)	8.2 (5.3–10.9)	10.4 (6.5–14.1)	7.9 (6.1–9.6)
At 10 years	21.2 (20.5–22.0)	18.9 (16.9–20.9)	21.5 (18.8–24.2)	20.3 (17.3–23.1)	22.5 (20.9–24.1)
Current daily dose, mg					
Nonuse	15.5 (14.7–16.3)	13.5 (11.3–15.6)	17.2 (14.1–20.2)	15.3 (12.1–18.4)	19.3 (17.3–21.2)
> 0.0–4.9	28.2 (25.8–30.6)	24.4 (18.0–30.4)	28.4 (18.9–36.8)	28.6 (18.3–37.6)	26.9 (22.3–31.3)

5.0–14.9	31.8 (29.5–34.0)	31.9 (25.5–37.8)	28.1 (20.4–35.0)	28.3 (19.5–36.1)	27.7 (23.6–31.6)
15.0–24.9	42.0 (35.2–48.0)	29.9 (15.0–42.2)	35.5 (15.5–50.8)	38.0 (15.4–54.5)	27.0 (15.3–37.0)
≥ 25.0	39.0 (30.3–46.6)	42.4 (13.4–61.7)	–	36.7 (5.1–57.8)	36.1 (18.7–49.7)
Cumulative dose in last year, mg					
Nonuse	12.8 (12.0–13.5)	10.6 (8.7–12.5)	13.3 (10.6–16.0)	12.5 (9.7–15.3)	15.9 (14.2–17.5)
> 0.0–959.9	32.6 (29.4–35.8)	29.8 (20.8–37.8)	43.8 (25.2–57.8)	25.5 (12.6–36.5)	35.0 (28.1–41.2)
960.0–3054.9	40.5 (37.0–43.8)	42.8 (33.8–50.6)	42.1 (31.6–50.9)	46.6 (32.2–58.0)	37.4 (31.0–43.1)
≥ 3055.0	49.9 (41.5–57.0)	49.4 (27.8–64.6)	27.7 (14.2–39.0)		58.3 (32.5–74.2)
Total cumulative dose, mg					
Nonuse	25.8 (22.9–28.5)	17.2 (10.4–23.5)	25.4 (16.7–33.1)	21.4 (15.3–27.1)	22.9 (19.5–26.1)
> 0.0–959.9	28.1 (25.5–30.7)	17.6 (11.5–23.3)	16.7 (8.6–24.0)	20.9 (11.5–29.2)	23.9 (18.6–28.8)
960.0–3054.9	23.9 (22.2–25.5)	20.8 (15.9–25.4)	21.4 (15.2–27.2)	18.0 (11.6–23.9)	26.8 (22.3–30.9)
3055.0–7299.9	20.7 (19.4–22.0)	22.2 (18.1–26.1)	26.5 (20.4–32.2)	24.1 (16.3–31.1)	25.0 (21.2–28.7)
≥ 7300.0	15.8 (14.6–17.0)	15.7 (12.5–18.7)	17.8 (13.3–22.1)	16.8 (11.7–21.5)	17.0 (14.2–19.8)
Parasitic infections					
Incident infections, no. (%)	771 (2.8)	73 (2.7)	40 (2.5)	54 (4.1)	182 (2.9)
At 1 year	1.0 (0.8–1.1)	0.7 (0.4–1.0)	1.0 (0.5–1.4)	1.1 (0.5–1.7)	0.8 (0.6–1.0)
Current daily dose, mg					
Nonuse	0.6 (0.4–0.8)	0.3 (0.0–0.5)	0.6 (0.1–1.2)	1.0 (0.3–1.8)	0.7 (0.4–0.9)
> 0.0–4.9	0.8 (0.6–1.0)	0.4 (0.0–1.0)	1.5 (0.0–3.0)	1.0 (0.0–2.3)	0.9 (0.2–1.5)
5.0–14.9	1.1 (0.9–1.4)	1.2 (0.4–1.9)	1.0 (0.0–1.9)	1.1 (0.0–2.3)	1.2 (0.5–1.8)
15.0–24.9	1.9 (1.3–2.6)	3.0 (0.1–5.9)	2.6 (0.0–6.0)	5.3 (0.0–12.1)	0.6 (0.0–1.7)
≥ 25.0	2.3 (1.2–3.4)	0.0 (0.0–0.0)	0.0 (0.0–0.0)	0.0 (0.0–0.0)	1.7 (0.0–5.0)
Cumulative dose in last year, mg					
Nonuse	0.2 (0.1–0.2)	0.0 (0.0–0.0)	0.1 (0.0–0.2)	0.5 (0.1–0.9)	0.3 (0.2–0.5)
> 0.0–959.9	3.9 (2.9–4.9)	1.7 (0.0–4.0)	3.1 (0.0–6.5)	1.7 (0.0–4.9)	3.2 (1.2–5.1)
960.0–3054.9	5.6 (4.5–6.6)	4.3 (1.1–7.5)	8.0 (2.7–13.0)	7.3 (0.8–13.4)	5.4 (2.8–7.8)
≥ 3055.0 mg	7.6 (5.3–9.8)	10.0 (3.6–16.0)	5.6 (0.0–12.9)	15.3 (0.0–31.5)	4.0 (0.0–8.3)
Total cumulative dose, mg					
Nonuse	1.8 (1.2–2.4)	0.0 (0.0–0.0)	0.3 (0.0–1.0)	1.0 (0.0–2.0)	0.6 (0.3–0.9)
> 0.0–959.9	1.8 (1.4–2.3)	0.7 (0.0–1.5)	1.1 (0.0–2.5)	1.2 (0.0–2.8)	1.0 (0.3–1.8)
960.0–3054.9	1.1 (0.9–1.3)	0.8 (0.1–1.4)	1.9 (0.5–3.2)	1.6 (0.0–3.1)	1.2 (0.5–1.8)

3055.0–7299.9	0.4 (0.3–0.5)	1.0 (0.4–1.5)	0.7 (0.0–1.5)	1.1 (0.0–2.3)	0.9 (0.3–1.4)
≥ 7300.0	0.6 (0.1–1.1)	0.0 (0.0–0.0)	0.6 (0.0–1.9)	0.0 (0.0–0.0)	0.4 (0.0–1.1)
At 5 years	2.8 (2.6–3.0)	2.4 (1.7–3.0)	2.6 (1.7–3.5)	3.5 (2.3–4.6)	2.9 (2.4–3.4)
Current daily dose, mg					
Nonuse	1.7 (1.5–1.9)	1.7 (1.0–2.4)	1.6 (0.7–2.5)	2.7 (1.5–4.0)	2.5 (1.9–3.1)
> 0.0–4.9	3.3 (2.7–4.0)	1.8 (0.2–3.3)	4.9 (1.4–8.3)	4.8 (0.9–8.6)	3.1 (1.7–4.5)
5.0–14.9	4.9 (4.2–5.5)	3.9 (1.9–5.8)	2.6 (0.6–4.6)	3.2 (0.8–5.5)	4.0 (2.6–5.4)
15.0–24.9	6.3 (4.4–8.1)	12.0 (2.9–20.3)	9.0 (0.0–17.7)	12.2 (0.0–23.1)	2.5 (0.0–5.4)
≥ 25.0	7.0 (4.2–9.8)	3.2 (0.0–9.2)	16.1 (0.0–34.3)	16.7 (0.0–41.7)	5.5 (0.0–11.6)
Cumulative dose in last year, mg					
Nonuse	1.0 (0.9–1.2)	1.1 (0.6–1.6)	0.7 (0.2–1.3)	1.7 (0.8–2.6)	1.7 (1.3–2.2)
> 0.0–959.9	5.5 (4.4–6.6)	3.9 (0.5–7.2)	11.5 (3.4–18.9)	0.8 (0.0–2.5)	5.1 (2.8–7.4)
960.0–3054.9	8.8 (7.4–10.2)	10.8 (3.7–17.4)	8.3 (2.7–13.5)	14.2 (6.2–21.5)	9.4 (5.9–12.6)
≥ 3055.0	13.3 (9.5–17.0)	5.3 (1.9–8.6)	20.6 (0.0–41.9)	38.6 (0.0–66.2)	8.2 (1.4–14.5)
Total cumulative dose, mg					
Nonuse	3.9 (2.9–4.9)	3.6 (0.7–6.5)	2.6 (0.3–4.8)	2.5 (0.6–4.3)	3.3 (2.3–4.2)
> 0.0–959.9	4.4 (3.6–5.3)	2.7 (0.5–4.9)	2.9 (0.0–5.8)	4.9 (0.9–8.7)	2.0 (0.8–3.2)
960.0–3054.9	3.6 (3.1–4.1)	3.8 (1.9–5.7)	2.7 (0.8–4.6)	4.1 (1.0–7.1)	3.9 (2.3–5.4)
3055.0–7299.9	2.7 (2.3–3.1)	2.2 (1.1–3.3)	3.2 (1.1–5.3)	4.2 (1.4–6.9)	3.4 (2.1–4.7)
≥ 7300.0	1.3 (1.0–1.6)	1.3 (0.4–2.1)	2.0 (0.6–3.4)	2.6 (0.7–4.5)	1.7 (0.8–2.5)
At 10 years	4.2 (3.8–4.5)	3.4 (2.6–4.3)	3.0 (2.0–4.0)	6.0 (4.2–7.7)	5.1 (4.3–6.0)
Current daily dose, mg					
Nonuse	2.9 (2.5–3.2)	2.4 (1.6–3.3)	1.8 (0.8–2.7)	4.1 (2.4–5.9)	4.1 (3.2–5.0)
> 0.0–4.9	5.2 (4.1–6.2)	4.0 (1.1–6.8)	6.0 (1.9–9.9)	7.7 (2.0–13.0)	5.3 (3.0–7.5)
5.0–14.9	7.0 (5.8–8.3)	5.3 (2.5–8.0)	2.7 (0.6–4.7)	8.4 (2.8–13.7)	7.0 (4.6–9.4)
15.0–24.9	8.2 (5.1–11.2)	12.0 (3.1–20.1)	9.0 (0.0–17.7)	33.1 (1.3–54.6)	8.0 (0.0–16.1)
≥ 25.0	8.6 (5.1–12.1)	3.0 (0.0–8.7)	26.8 (0.0–51.0)	11.1 (0.0–29.4)	18.8 (2.7–32.3)
Cumulative dose in last year, mg					
Nonuse	2.2 (1.9–2.5)	1.5 (0.9–2.2)	1.0 (0.3–1.7)	3.3 (1.8–4.8)	3.3 (2.5–4.1)
> 0.0–959.9	6.4 (4.9–7.9)	6.5 (2.4–10.5)	9.2 (3.0–15.1)	6.2 (0.0–13.6)	7.2 (3.6–10.7)
960.0–3054.9	9.3 (7.2–11.3)	10.1 (4.4–15.4)	5.9 (2.3–9.4)	17.5 (7.8–26.2)	13.8 (8.3–19.0)
≥ 3055.0	8.4 (6.5–10.1)	8.9 (0.0–17.6)	7.5 (0.2–14.3)	17.7 (2.6–30.5)	18.4 (0.0–37.6)

Total cumulative dose, mg					
Nonuse	6.5 (4.8–8.1)	4.2 (0.8–7.5)	3.0 (0.4–5.6)	3.9 (0.9–6.9)	4.6 (3.1–6.0)
> 0.0–959.9	5.9 (4.6–7.2)	3.7 (0.9–6.4)	3.0 (0.0–5.9)	5.3 (1.0–9.4)	7.1 (3.8–10.3)
960.0–3054.9	5.3 (4.4–6.1)	4.0 (1.9–6.0)	2.9 (0.9–4.8)	8.1 (2.7–13.1)	5.6 (3.6–7.7)
3055.0–7299.9	3.8 (3.2–4.4)	3.3 (1.7–4.9)	3.8 (1.4–6.2)	6.1 (2.3–9.8)	5.8 (3.7–8.0)
≥ 7300.0	2.6 (2.1–3.1)	2.8 (1.5–4.1)	2.5 (0.9–4.0)	5.8 (2.7–8.8)	3.7 (2.3–5.1)
Fungal infections					
Incident infections, no. (%)	3890 (13.9)	351 (12.9)	226 (13.9)	177 (13.5)	772 (12.3)
At 1 year	4.2 (4.0–4.4)	3.0 (2.3–3.6)	4.0 (3.0–5.0)	2.6 (1.7–3.5)	3.2 (2.8–3.7)
Current daily dose, mg					
Nonuse	2.3 (2.0–2.6)	1.7 (1.0–2.5)	3.2 (2.0–4.5)	2.2 (1.1–3.3)	3.0 (2.4–3.5)
> 0.0–4.9	4.1 (3.6–4.7)	4.0 (2.3–5.7)	4.2 (1.7–6.6)	4.2 (1.5–6.9)	3.1 (1.9–4.3)
5.0–14.9	5.0 (4.6–5.5)	3.8 (2.4–5.2)	4.8 (2.7–6.8)	2.1 (0.4–3.7)	3.7 (2.6–4.8)
15.0–24.9	7.8 (6.5–9.0)	5.4 (1.4–9.3)	7.1 (0.9–12.9)	2.7 (0.0–7.8)	5.0 (1.5–8.3)
≥ 25.0	9.4 (7.3–11.4)	2.0 (0.0–5.9)	4.3 (0.0–12.3)	5.3 (0.0–14.8)	5.1 (0.0–10.6)
Cumulative dose in last year, mg					
Nonuse	0.7 (0.6–0.8)	0.7 (0.3–1.0)	0.9 (0.4–1.4)	1.0 (0.4–1.7)	1.7 (1.3–2.0)
> 0.0–959.9	14.4 (12.8–16.1)	6.8 (2.1–11.3)	10.5 (4.1–16.5)	7.2 (0.8–13.1)	9.2 (6.0–12.3)
960.0–3054.9	21.1 (19.5–22.7)	16.9 (11.4–22.1)	22.6 (14.7–29.7)	13.6 (6.0–20.6)	17.0 (13.0–20.9)
≥ 3055.0	24.1 (20.7–27.4)	26.6 (15.4–36.3)	33.0 (14.8–47.3)	16.0 (0.0–29.5)	14.3 (4.6–23.0)
Total cumulative dose, mg					
Nonuse	6.6 (5.5–7.6)	4.8 (2.3–7.2)	3.7 (1.5–5.8)	2.6 (1.0–4.2)	2.8 (2.2–3.5)
> 0.0–959.9	8.0 (7.0–8.9)	2.7 (0.8–4.5)	1.7 (0.0–3.5)	2.3 (0.0–4.5)	4.2 (2.7–5.7)
960.0–3054.9	5.3 (4.9–5.8)	3.9 (2.4–5.4)	6.0 (3.5–8.4)	4.2 (1.7–6.6)	4.4 (3.1–5.7)
3055.0–7299.9	1.5 (1.3–1.8)	2.6 (1.7–3.6)	3.3 (1.8–4.8)	1.7 (0.3–3.1)	3.0 (2.0–4.0)
≥ 7300.0	1.3 (0.5–2.1)	0.0 (0.0–0.0)	5.2 (1.6–8.6)	1.3 (0.0–3.7)	0.8 (0.0–1.8)
At 5 years	14.2 (13.7–14.7)	10.9 (9.5–12.2)	12.4 (10.5–14.2)	13.0 (10.9–15.2)	13.2 (12.2–14.3)
Current daily dose, mg					
Nonuse	8.9 (8.4–9.4)	7.5 (6.1–8.9)	9.8 (7.6–11.9)	11.0 (8.5–13.5)	11.9 (10.6–13.1)
> 0.0–4.9	20.1 (18.6–21.6)	14.2 (10.1–18.0)	15.6 (9.9–21.0)	16.4 (9.4–22.8)	14.1 (11.3–16.9)
5.0–14.9	22.3 (20.9–23.6)	17.6 (13.7–21.5)	15.1 (10.6–19.4)	15.4 (10.1–20.3)	15.8 (13.1–18.3)
15.0–24.9	28.9 (25.2–32.4)	20.5 (7.9–31.4)	30.0 (13.8–43.2)	29.4 (9.5–44.9)	21.8 (13.5–29.3)
≥ 25.0	29.8 (24.9–34.3)	22.8 (3.3–38.3)	6.7 (0.0–18.5)	7.1 (0.0–19.7)	14.6 (5.0–23.3)

Cumulative dose in last year, mg					
Nonuse	5.8 (5.4–6.2)	5.3 (4.2–6.4)	6.1 (4.5–7.6)	7.4 (5.5–9.2)	8.5 (7.5–9.4)
> 0.0–959.9	27.2 (25.0–29.3)	21.5 (14.2–28.2)	31.8 (19.2–42.4)	22.4 (9.8–33.1)	25.7 (20.6–30.6)
960.0–3054.9	38.2 (35.8–40.4)	37.1 (27.6–45.4)	32.0 (22.9–40.1)	42.8 (31.2–52.5)	30.6 (26.0–35.0)
≥ 3055.0	47.1 (41.7–52.0)	39.8 (19.8–54.9)	46.5 (3.4–70.3)	29.1 (10.6–43.8)	37.7 (24.6–48.5)
Total cumulative dose, mg					
Nonuse	17.7 (15.7–19.6)	12.7 (7.9–17.3)	15.3 (9.8–20.5)	13.7 (9.3–17.9)	14.7 (12.7–16.6)
> 0.0–959.9	18.8 (17.1–20.4)	14.3 (9.4–18.9)	11.1 (5.6–16.4)	11.4 (5.5–17.0)	15.1 (11.9–18.2)
960.0–3054.9	19.0 (17.8–20.1)	12.2 (9.0–15.3)	16.6 (11.7–21.3)	16.6 (10.4–22.3)	15.2 (12.3–18.0)
3055.0–7299.9	13.8 (13.0–14.7)	12.2 (9.6–14.8)	13.3 (9.3–17.2)	15.4 (10.0–20.4)	14.6 (12.1–17.0)
≥ 7300.0	7.4 (6.7–8.1)	6.9 (4.9–8.9)	8.2 (5.5–10.9)	9.0 (5.4–12.4)	7.2 (5.5–8.9)
At 10 years	21.8 (21.1–22.6)	18.5 (16.5–20.5)	19.5 (16.8–22.0)	20.2 (17.1–23.2)	20.6 (19.1–22.1)
Current daily dose, mg					
Nonuse	15.9 (15.1–16.8)	15.0 (12.7–17.2)	15.4 (12.4–18.2)	16.3 (12.9–19.6)	18.4 (16.6–20.2)
> 0.0–4.9	29.8 (27.4–32.1)	24.3 (17.3–30.8)	28.7 (19.7–36.7)	31.3 (19.8–41.1)	23.2 (18.9–27.3)
5.0–14.9	31.7 (29.5–33.8)	24.6 (19.4–29.5)	24.8 (17.5–31.4)	22.6 (15.2–29.4)	25.0 (21.0–28.9)
15.0–24.9	39.3 (33.7–44.4)	30.7 (14.2–44.0)	31.7 (14.5–45.4)	52.3 (19.7–71.6)	21.3 (13.4–28.5)
≥ 25.0	41.8 (33.3–49.2)	25.4 (5.7–41.0)	20.8 (0.0–45.4)	5.9 (0.0–16.4)	27.6 (13.3–39.5)
Cumulative dose in last year, mg					
Nonuse	13.1 (12.3–13.8)	12.5 (10.5–14.5)	12.3 (9.6–14.8)	13.4 (10.3–16.3)	15.1 (13.5–16.6)
> 0.0–959.9	32.9 (29.8–35.9)	34.3 (22.8–44.1)	39.3 (25.4–50.7)	33.5 (16.4–47.1)	29.9 (23.9–35.5)
960.0–3054.9	39.0 (36.0–41.8)	30.3 (23.8–36.3)	33.4 (23.6–42.0)	45.6 (30.8–57.2)	34.6 (28.6–40.1)
≥ 3055.0	50.8 (42.2–58.1)	34.1 (19.5–46.1)	31.1 (10.5–47.0)		46.8 (24.8–62.4)
Total cumulative dose, mg					
Nonuse	24.0 (21.3–26.6)	20.7 (13.3–27.4)	22.1 (14.5–29.0)	24.8 (17.0–31.8)	23.4 (20.3–26.4)
> 0.0–959.9	28.0 (25.4–30.4)	25.8 (18.1–32.8)	18.4 (10.2–25.8)	19.3 (10.4–27.3)	22.6 (17.7–27.2)
960.0–3054.9	27.1 (25.4–28.8)	21.8 (16.5–26.8)	22.7 (16.2–28.7)	24.5 (16.2–32.1)	22.7 (18.7–26.6)
3055.0–7299.9	21.8 (20.4–23.1)	20.5 (16.5–24.3)	18.6 (13.4–23.5)	20.9 (13.8–27.5)	22.1 (18.4–25.6)
≥ 7300.0	15.1 (13.9–16.2)	13.0 (10.1–15.8)	17.4 (12.9–21.7)	14.6 (9.7–19.2)	14.0 (11.5–16.5)
Note: CI = confidence interval. *Unless stated otherwise.					