**Supplemental Table 2:** Thyroid function tests in the 27 patients with normal TSH at baseline and showing a reduced TSH during hospitalization. The median time of TSH suppression was 5 days (range 2-9). Blood sampling were done weekly (mean 8±2 days). The last measurement available corresponds to either discharge or death.

| #/sex/age (duration of TSH decline) | TSH/FT4/FT3 at admission | TSH/FT4/FT3 during hospitalization (days) |
|-------------------------------------|--------------------------|------------------------------------------|
| #1/M/46 (S)                        | 0.94/14.2/3.0            | 0.23/na/na (2)                           |
|                                    |                          | 0.16/11.2/2.2 (5)                        |
|                                    |                          | 0.76/na/na (6)                           |
|                                    |                          | 2.36/13.4/2.7 (12)                       |
|                                    |                          | 2.29/23.7/3.3 (21)                       |
|                                    |                          | 2.27/15.9/4.5 (33)$§$                   |
|                                    |                          | 2.23/16.8/4.8 (153)                      |
| #2/F/67 (S)                        | 0.54/18.5/2.5            | 3.12/16.7/2.7 (6)                        |
|                                    |                          | 0.18/na/na (9)                           |
|                                    |                          | 0.29/17.2/2.5 (11)                       |
|                                    |                          | 0.48/na/na (12)                          |
|                                    |                          | 1.22/16.8/3.1 (20)                       |
|                                    |                          | 1.82/16.1/3.2 (31)                       |
|                                    |                          | 1.01/17.5/4 (48)$§$                     |
| #3/M/84 (S)                        | 0.41/17.3/2.9            | 0.27/na/na (2)                           |
|                                    |                          | 0.22/na/na (5)                           |
|                                    |                          | 0.21/16.2/2.9 (9)                        |
|                                    |                          | 0.75/na/na (10)                          |
|                                    |                          | 0.80/15.3/3.1 (21)$§$                   |
| #4/M/61 (S)                        | 0.58/16.3/2.9            | 0.22/na/na (2)                           |
|                                    |                          | 0.19/16.7/2.3 (5)                        |
|                                    |                          | 0.44/na/na (9)                           |
|                                    |                          | 1.46/na/na (11)                          |
|                                    |                          | 1.61/17.4/3.2 (13)$§$                   |
| #5/M/53 (D)                        | 1.48/19.4/2.6            | 0.67/na/na (2)                           |
|                                    |                          | 0.36/na/na (4)                           |
|                                    |                          | 0.37/16.5/2.3 (6)                        |
|                                    |                          | 0.59/na/na (7)                           |
|                                    |                          | 1.08/14.3/2.1 (12)                       |
| #6/M/71 (S)                        | 2.37/15.9/3.1            | 1.49/na/na (2)                           |
|                                    |                          | 0.76/na/na (8)                           |
|                                    |                          | 0.26/na/na (10)                          |
|                                    |                          | 0.23/16.7/2.9 (11)                       |
|                                    |                          | 0.89/na/na (12)                          |
|                                    |                          | 4.05/17.1/3.3 (15)$§$                   |
|                                    |                          | 2.48/na/na (249)                         |
| #7/M/67 (D)                        | 1.16/15.6/3.1            | 0.51/na/na (1)                           |
|                                    |                          | 0.35/12.2/2.0 (2)                        |
|                                    |                          | 0.75/na/na (4)                           |
|                                    |                          | 0.41/13.1/2.6 (8)                        |
|                                    |                          | 1.44/14.4/2.9 (19)                      |
| #8/M/57 (S)                        | 2.05/19.8/3.9            | 1.70/na/na (3)                           |
|                                    |                          | 0.66/na/na (7)                           |
|                                    |                          | 0.42/16.6/3.3 (13)                       |
|                                    |                          | 0.07/na/na (14)                          |
|                                    |                          | 0.39/13.2/2.9 (17)                      |
|                                    |                          | 1.49/na/na (18)                          |
|                                    |                          | 1.42/15.1/3.2 (27)$§$                   |
| #9/M/47 (S)                        | 0.67/15.2/3.2            | 0.23/na/na (2)                           |
|                                    |                          | 0.21/14.4/3.0 (4)                        |
|                                    |                          | 0.54/na/na (7)                           |
|                                    |                          | 3.01/17.6/4.1 (9)$§$                    |
| #10/M/78 (D)                       | 0.86/14.1/3.1            | 0.53/na/na (4)                           |
|                                    |                          | 0.27/na/na (5)                           |
|                                    |                          | 0.12/na/na (6)                           |
|                                    |                          | 0.19/12.3/2.9 (8)                        |
| #11/F/56 (S)                       | 1.08/16.8/3.1            | 1.10/na/na (3)                           |
|                                    |                          | 0.68/na/na (8)                           |
|                                    |                          | 0.36/15.9/1.9 (9)                        |
|                                    |                          | 0.54/na/na (10)                          |
|                                    |                          | 1.14/na/na (13)                          |
|                                    |                          | 1.87/14.3/3.1 (26)$§$                   |
|                                    |                          | 1.9/na/na (110)                          |
| #12/M/74 (S)                       | 0.91/17.8/2.7            | 0.36/na/na (5)                           |
|                                    |                          | 0.34/16.4/3.3 (7)                        |
|                                    |                          | 0.47/na/na (9)                           |
|                                    |                          | 0.99/na/na (12)                          |
|                                    |                          | 1.8/17.2/3.5 (14)$§$                    |
| #13/M/58 (S)                       | 1.47/19.2/4.2            | 1.84/na/na (3)                           |
|                                    |                          | 0.29/17.5/3.2 (8)                        |
|                                    |                          | 0.35/na/na (12)                          |
|                                    |                          | 0.42/15.5/2.7 (14)$§$                   |
| #14/M/26 (S)                       | 1.21/18.2/4.6            | 1.44/na/na (3)                           |
|                                    |                          | 2.17/17.9/4.3 (8)                        |
|                                    |                          | 0.39/na/na (12)                          |
|                                    |                          | 0.36/18.9/4.4 (14)                       |
|                                    |                          | 0.50/na/na (16)                          |
|                                    |                          | 1.3/17.4/3.9 (20)$§$                    |
|    |    |    |    |    |    |    |
|---|---|---|---|---|---|---|
| #15/M/69 (S) | 1.04/19.2/3.9 | 0.86/na/na (3) | 0.28/20.1/3.3 (4) | 0.55/na/na (5) | 1.15/21.4/2.9 (14)§ | 1.64/17.2/3.5 (163) |
| #16/M/84 (D) | 0.74/13.2/2.8 | 0.28/na/na (2) | 0.41/na/na (7) | 1.63/14.2/2.8 (9) | 0.73/na/na (14) | 0.33/7.5/1.7 (16) |
| #17/M/77 (S) | 0.74/14.3/3.3 | 0.54/na/na (2) | 0.29/16.4/2.8 (4) | 0.82/na/na (7) | 2.44/15.7/3.2 (13)§ | 2.27/na/na (182) |
| #18/M/56 (S) | 0.62/18.2/4.1 | 0.29/na/na (2) | 0.29/16.9/3.8 (4) | 0.56/na/na (6) | 1.10/15.8/3.1 (9)§ |
| #19/M/61 (S) | 0.81/17.3/3.8 | 0.34/na/na (4) | 0.26/19.7/3.4 (6) | 0.25/22.2/2.5 (11) | 0.72/na/na (12) | 0.75/na/na (22) |
| #20/M/74 (S) | 0.92/18.2/2.6 | 0.26/18.7/1.9 (3) | 1.07/na/na (5) | 1.04/20.6/2.5 (10) | 3.40/na/na (14) | 2.71/23.9/2.8 (20) |
| #21/M/66 (S) | 1.45/16.9/5.1 | 0.26/na/na (4) | 0.15/14.6/4.5 (6) | 0.89/na/na (10) | 1.92/20.8/3.8 (18) | 1.72/na/na (26) |
| #22/F/86 (S) | 0.68/16.2/2.1 | 0.78/na/na (2) | 0.38/14.2/2.8 (5) | 0.41/na/na (9) | 0.55/16.1/3.3 (12)§ |
| #23/M/68 (S) | 1.27/17.6/4.2 | 0.67/na/na (3) | 0.11/16.9/3.6 (5) | 0.25/na/na (10) | 0.65/na/na (14) | 1.87/18.1/4 (20)§ |
| #24/M/71 (S) | 0.41/18.1/3.7 | 0.54/na/na (3) | 0.21/15.7/3 (6) | 0.53/na/na (10) | 0.63/12.7/4 (16)§ | 0.8/13.4/4.3 (228) |
| #25/M/77 (D) | 0.66/16.0/2.8 | 0.39/na/na (2) | 0.11/13.2/2.1 (5) | 0.53/na/na (3) | 0.12/14.3/1.6 (5) |
| #26/M/64 (D) | 0.73/17.2/2.5 | 0.39/16.8/2.4 (1) | 0.53/na/na (3) | 0.12/14.3/1.6 (5) |
| #27/M/65 (D) | 0.63/19.3/4.2 | 0.52/na/na (2) | 0.34/na/na (4) | 0.19/18.2/3.4 (6) |

Legend: TSH reference range = 0.4-5.0 mU/L; FT4 reference range = 11.5-24.5 pmol/l; FT3 reference range = 2.9-7.1 pmol/l, na= not assessed; §=discharge