**Supplementary Table 2. Investigational assessments**

| Variable                        | Visit 1 (screen) | Visit 2a (IV iron and baseline) | Visit 2b (2 hr post-infusion) | Visit 3 (1 day) | Visit 4 (1 wk) | Visit 5 (1 mo) | Visit 6 (3 mo) |
|---------------------------------|------------------|---------------------------------|-------------------------------|-----------------|----------------|----------------|----------------|
| Hemoglobin                      | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Transferrin saturation          | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Serum ferritin                  | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| C-reactive protein              | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Albumin                         | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Interleukin                     | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Oxidative stress markers        | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Selectin                        | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| Arterial stiffness              | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |
| SF-36                           | ×                |                                 |                               |                 |                |                |                |
| Adverse event monitoring        | ×                | ×                               | ×                             | ×               | ×              | ×              | ×              |

IV, intravenous; SF-36, the Short Form (36) Health Survey.