**Supplemental Table 2.** Narratives of deaths (all unlikely related or unrelated to treatment)

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| **Gender** | **Age, years** | **Country** | **Treatment; last dose received** | **Medical history** | **Time of death following last treatment and cause** |
| Male | 39 | France | OnabotulinumtoxinA; 350 U | Alcoholism, heavy smoker, hypertension, and aortic aneurysm | 10 days after treatment. Aetiology unknown  **Unlikely related to treatment** |
| Female | 73 | Mexico | IncobotulinumtoxinA; 310 U | Colorectal cancer, atrial fibrillation, dyslipidaemia, high blood pressure, hypothyroidism, depression, osteoporosis, and left radius and ulna fracture | 7–8 months after treatment. Developed bronchopneumonia, additionally presented with haematuria, vaginal bleeding and bleeding through the colostomy. Diagnosed with reactivation of colorectal cancer with metastases  **All events not related to treatment** |
| Male | 85 | Mexico | IncobotulinumtoxinA; 40 U | High blood pressure, dyslipidaemia, congestive heart failure, hepatic steatosis, benign prostatic hypertrophy, depression, peptic acid disease, multiple lipomatosis, colonic polyposis, and stroke | One month after treatment. Intracerebral haemorrhage and died 3 days after  **Not related to treatment** |
| Female | 29 | Mexico | IncobotulinumtoxinA; 430 U | HIV infection and several concurrent and opportunistic infections | Approximately 2 months after treatment. Had tachycardia, tachypnoea, hypotension and basal rales. Subject was diagnosed with and died from pneumonia and septic shock  **Not related to treatment** |
| Male | 59 | Mexico | IncobotulinumtoxinA; 320 U | Hyperuricemia, high blood pressure, ischaemic heart disease, morbid obesity, type 2 diabetes mellitus, peptic ulcer disease, cardiac pacemaker, symptomatic epilepsy, chronic obstructive pulmonary disease, blood hyperviscosity syndrome, obstructive sleep apnoea syndrome, benign prostatic hyperplasia, and dyslipidaemia | One month after treatment. Probable cause of death myocardial ischaemic disease  **Not related to treatment** |
| Male | 59 | Mexico | IncobotulinumtoxinA; 435 U | High blood pressure, hypertensive heart disease with diastolic dysfunction, primary hyperaldosteronism, and chronic headache | One month after treatment. Experienced respiratory failure secondary to chronic heart disease, secondary to uncontrolled hypertension  **Not related to treatment** |
| Male | 62 | Mexico | IncobotulinumtoxinA; 620 U | High blood pressure, type 2 diabetes mellitus, chronic kidney disease, cor pulmonale, chronic obstructive pulmonary disease, metabolic syndrome, pulmonary embolism, peptic ulcer disease, gastrostomy, and depression | One month after treatment. Acute heart failure  **Not related to treatment** |
| Female | 79 | Mexico | IncobotulinumtoxinA; 490 U | Alzheimer type dementia, type 2 diabetes mellitus, vascular parkinsonism, hypovolemic shock, stroke, dysphagia, and gastrostomy | Three months after last treatment. Death by aspiration pneumonia  **Not related to treatment** |
| Female | 87 | Mexico | IncobotulinumtoxinA; 545 U | High blood pressure, dementia, depression, peripheral venous insufficiency, and chronic obstructive pulmonary disease. | One month after treatment. Septic shock and cardiac arrest  **Not related to treatment** |