S1 Figure. Detailed clinical course of the two severe BU patients P1 and P2.

Patient P1

Patient P2

| YEAR | | CLINICAL EVENTS and TREATMENT | MONTH/YEAR | CLINICAL EVENTS and TREATMENT |
|-------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 2000 | | Birth | 1995 | Birth |
| 2005 | 5 yo | Initial Diagnosis -Edema: right thigh⋚ and left foot + Septic arthritis: right knee -Osteomyelitis : right fibula and tibia; left cuboid -Lab: Ziehl-Neelsen and PCR+ on both limbs <i>Rifampicin + streptomycin (13 weeks)</i> | 12/2008 13 yo | Initial Diagnosis - Large Edema: right arm, right forearm and right hand - Plaque : right elbow Rifampicin + streptomycin (8 weeks) |
| | | Dissemination (2 months post-diagnosis) -Edema: right arm and forearm + Septic arthritis: right elbow -Osteomyelitis : right humerus and radius and ulna -Lab: Ziehl-Neelsen and PCR + Amputation of the lower right limb (3 months post-diagnosis) | | |
| | | Dissemination (6 months post-diagnosis) -Edema: left forearm+ Osteomyelitis : left radius -Lab: Ziehl-Neelsen +; PCR not performed Numerous surgeries | 01/2009 | Partial excision of the plaque (16/01) Additional excision and curretage (20/01) |
| 2006 | б уо | Dissemination (1 year post-diagnosis) -Edema: left leg + Osteomyelitis : left fibula -Lab: Ziehl-Neelsen and PCR + Numerous surgeries | 02/2009 | Aditionnal excision and curretage (17/02) Skin graft (26/02) |
| 2007 | 7 уо | Dissemination (2 years post-diagnosis) -Edema: right arm + Osteomyelitis : right humerus -Lab: Ziehl-Neelsen +; PCR not performed Numerous surgeries | 04/2009 | discharge |
| 2008 | 8 yo | <i>Dissemination (3 years post-diagnosis)</i> -Soft tissue collection: left calcaneal tendon <mark>Surgery</mark> | 10/2009 14 yo | Surgery: pedicle flap of the elbow |
| 2010 | 10 уо | Dissemination (5 years post-diagnosis) -Edema: left leg + Osteomyelitis : left tibia -Lab: Ziehl-Neelsen and PCR + Surgery | • | d clinical event 12/2017) |
| No reported BU-related events | | | | |

No reported BU-related events (as of 12/2017)