**Table S1. Four cases of probable cross-reactive cutaneous reactions due to NNRTI class substitutions**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Gender** | **Age** | **WHO clinical****stage** | **CD4 count****/mm3** | **ART regimen** | **Time to 1st rash (months)** | **Description and stage of 1st rash** | **ART regimen changed to** | **Time to 2nd rash****(months)** | **Description and stage of 2nd rash** | **Outcome of 2nd rash** |
| Female | 39 | 4 | 26 | D4T+3TC+NVP | 2 | Diffuse pruritic rash, IIB | D4T+3TC+EFV | 6  | Hyperpigmented rash, I | Resolved without any intervention |
| Male | 40 | Not recorded | 210 | AZT+3TC+NVP | 2 | Generalised maculo-papular rash, IIA | AZT+3TC+EFV | 6 | Hyperpigmented, pruritic rash, I | Resolved without any intervention |
| Female | 52 | 3 | 7 | D4T+3TC+NVP | 2  | Generalised maculo-papular rash with mucosal involvement and ulceration, IV | D4T+3TC+EFV | 6 | Hyperpigmented rash, I | Resolved without any intervention |
| Female | 34 | 3 | 56 | AZT+3TC+NVP | 2  | Generalised maculopapular rash, IIA | AZT+3TC+EFV | 12 | Generalised pruritic rash, III | Resolved on antihistamines |