

Supplementary Table 1. Follow-up information of 12 patients after three-month TCZ monotherapy

Patient No.	At sixth-month visit		At one-year visit		Annotations
	Clinical outcome	Treatment strategy	Clinical outcome	Treatment strategy	
1	CR	TCZ+MTX	CR	TCZ+MTX	TCZ of lengthened infusion intervals combined with MTX was applied after 3 months.
2	NR	Pred	NR	TCZ+Pred+MTX	He lost follow-up from 3 th -5 th months due to quarantine by the epidemic. At the 6 th -month visit, he was under the treatment of Pred. The therapy of TCZ combined with Pred and MTX was applied due to the presence of elevated inflammatory markers and hydronephrosis from the 6 th month.
3	CR	TCZ+MTX	CR	MTX+tofacitinib	TCZ of lengthened infusion intervals combined with MTX was applied after 3 months. TCZ was discontinued and MTX combined with tofacitinib was applied from the 11 th month.
4	PR	TCZ+MTX	PR	MTX+tofacitinib	Monthly TCZ infusion combined with MTX was applied after 3 months. TCZ was discontinued and MTX combined with tofacitinib was applied from the 10 th month.
5	CR	TCZ	CR	MTX	TCZ was discontinued and MTX monotherapy was applied from the 7 th month.
6	CR	TCZ+MTX	CR	TCZ+MTX	TCZ of lengthened infusion intervals combined with MTX was applied after 3 months.
7	PR	Pred+CTX	PR	Pred+CTX	TCZ combined with MTX was applied after 3 months. At the 4 th month, TCZ combined with MTX was replaced by Pred combined with CTX due to hydronephrosis exacerbation after D-J drainage tube removal.
8	CR	TCZ	CR	MTX	TCZ of lengthened infusion intervals combined with MTX was applied after 6 months with TCZ withdrawal from the 8 th month due to quarantine by the epidemic.
9	CR	TCZ+tofacitinib	Not yet due		TCZ of lengthened infusion intervals combined with MTX was applied after 3 months. At the 5 th month, MTX was replaced by tofacitinib due to abnormal liver function.
10	PR	TCZ	Not yet due		TCZ of lengthened infusion intervals was applied after 3 months and MTX was added at the 8 th month.

11	CR	Pred+CTX	Not yet due	Alternative therapy of Pred combined with CTX was applied after 3 months according to the patient's request for economic reasons.
12	PR	Pred+MMF	Not yet due	After 3-month TCZ monotherapy, alternative therapy of Pred combined with MMF was applied since TCZ had some effect but failed to induce remission.

CR, complete remission; PR, partial remission; NR, no remission; TCZ, tocilizumab; MTX, methotrexate; Pred, prednisolone; CTX, cyclophosphamide; MMF, mycophenolate mofetil.