### Supplementary Table 1 SLE- and PAH-specific medications and supportive treatments around pregnancy

|                  | CS | Immunosuppressive agents | Target therapy | Supportive treatments |
|------------------|----|--------------------------|----------------|----------------------|
|                  |    | CTX | HCQ | TAC | AZA | LEF | MMF | PDE-5I | ERA | P | Inotropic | Diuretics | Aspirin | Anticoagulants |
| **Planned pregnancy** |    |     |     |     |     |     |     |        |     |   |           |           |         |                |
| 3# Before pregnancy |    | √   | √   | √   |     |     |     |        |     |   |           |           |         |                |
| During pregnancy   |    | √   | √   | √   |     |     |     |        |     |   |           |           |         |                |
| 6 months after delivery |    | √   | √   | √   |     |     |     |        |     |   |           |           |         |                |
| 9# Before pregnancy |    | √   |     |     |     |     |     |        |     |   |           |           |         |                |
| During pregnancy   |    | √   |     |     |     |     |     |        |     |   |           |           |         |                |
| 6 months after delivery |    | √   |     |     |     |     |     |        |     |   |           |           |         |                |
| **Unplanned pregnancy** |    |     |     |     |     |     |     |        |     |   |           |           |         |                |
| 5# Before pregnancy |    | √   | √   | √   |     |     |     |        |     |   |           |           |         |                |
| During pregnancy   |    | √   | √   | √   |     |     |     |        |     |   |           |           |         |                |
| 6 months after delivery |    | √   | √   | √   |     |     |     |        |     |   |           |           |         |                |
| **PAH developed during pregnancy** |    |     |     |     |     |     |     |        |     |   |           |           |         |                |
| 1# Before pregnancy |    | √   |     |     |     |     |     |        |     |   |           |           |         |                |
| During pregnancy   |    | √   |     |     |     |     |     |        |     |   |           |           |         |                |
| 6 months after delivery |    | √   |     |     |     |     |     |        |     |   |           |           |         |                |
| 2# Before pregnancy |    |     | √   |     |     |     |     |        |     |   |           |           |         |                |
| During pregnancy   |    |     | √   |     |     |     |     |        |     |   |           |           |         |                |
| 6 months after delivery |    |     | √   |     |     |     |     |        |     |   |           |           |         |                |
| 4# Before pregnancy |    |     |     | √   |     |     |     |        |     |   |           |           |         |                |
| During pregnancy   |    |     |     | √   |     |     |     |        |     |   |           |           |         |                |
| 6 months after delivery |    |     |     | √   |     |     |     |        |     |   |           |           |         |                |
| 6# Before pregnancy |    |     |     |     | √   |     |     |        |     |   |           |           |         |                |

Lupus Sci Med, et al. Li M
|                | During pregnancy | 6 months after delivery | Death |
|----------------|------------------|-------------------------|-------|
| 7# Before pregnancy | √                |                         |       |
| During pregnancy   | √                | √                       |       |
| 6 months after delivery | √              | √                       | √     |
| 8# Before pregnancy | √                | √                       | √     |
| During pregnancy   | √                | √                       | √     |
| 6 months after delivery | √              | √                       | √     |
| 10# Before pregnancy | √                | √                       |       |
| During pregnancy   | √                | √                       |       |
| 6 months after delivery | √              | √                       | √     |

SLE, systemic lupus erythematosus; PAH, pulmonary arterial hypertension; CS, corticosteroid; CTX, cyclophosphamide; HCQ, hydroxychloroquine; TAC, tacrolimus; AZA, acetazolamide; LEF, leflunomide; MMF, mycophenolate mofetil; PDE-5I, phosphodiesterase-5 inhibitor; ERA, endothelin receptor antagonist; P, prostacyclin analogs and prostacyclin receptor agonist.