| Study                        | Family History (n=patients) | Bilateral involvement (n=patients) | Medications | Manual Labour (n=patients) | Diabetes (n=patients) | Smoking | Ectopic Disease (n=patients) | Mean age at onset |
|------------------------------|----------------------------|----------------------------------|-------------|---------------------------|----------------------|---------|-------------------------------|------------------|
| Abe et al. (2007)           | -                          | 1                                | -           | -                         | -                    | -       | -                             | 58               |
| Bear et al. (2017)          | -                          | -                                | -           | -                         | -                    | -       | -                             | 50.8 (SD 12.7)   |
| Degreef & De Smet (2009)    | -                          | -                                | -           | -                         | -                    | -       | -                             | -                |
| Eberlin et al. (2015)       | -                          | 8                                | -           | -                         | -                    | -       | -                             | -                |
| Hohendorff et al. (2015)    | -                          | -                                | -           | -                         | -                    | -       | -                             | -                |
| Könneker et al. (2017)      | 3                          | 16                               | -           | -                         | -                    | -       | 1 (Ledderhose)                | 39 (range 25-50) |
| Mendelaar et al. (2019)     | 65                         | -                                | -           | 7                         | -                    | -       | -                             | -                |
| Molenkamp et al. (2017)     | -                          | -                                | -           | -                         | -                    | -       | -                             | -                |
| Novoa-Parra et al. (2017)   | 0                          | 5                                | -           | -                         | -                    | -       | 0                             | -                |
| Roush et al. (2000)         | 10                         | 6                                | -           | -                         | -                    | -       | Knuckle pads (5), plantar fibromatosis (6), Peyronies (1) | 49 (median; range 18-58) |
| Spies et al. (2016)         | -                          | 16                               | -           | -                         | -                    | -       | -                             | -                |
| van Rijssen et al. (2012)   | 12                         | -                                | -           | -                         | Epilepsy and diabetes (6) | -       | 9 (unspecified) early onset before 50 years in 13 patients | -                |

SD=standard deviation
Supplemental Table 2: Postoperative complications following treatment for recurrent Dupuytren’s contracture.

| Study                          | CRPS (n=digits) | Infection (n=digits) | Wound dehiscence (n=digits) | Neurovascular Injury (n=digits) | Adhesions (n=digits) | Scarring (n=digits) | Recurrence (n=patients) |
|-------------------------------|----------------|----------------------|-----------------------------|-------------------------------|---------------------|-------------------|----------------------|
| Abe et al. (2007)19           | -              | 0                    | -                           | 0                             | -                   | -                 | 0                    |
| Bear et al. (2017)20          | -              | -                    | 7                           | -                             | -                   | -                 | 1                    |
| Degreef & De Smet (2009)13    | -              | -                    | -                           | -                             | -                   | -                 | -                    |
| Eberlin et al. (2015)28       | 0              | 0                    | 0                           | 0                             | 0                   | 0                 | -                    |
| Hohendorff et al. (2015)15    | -              | -                    | 0                           | -                             | -                   | -                 | 2                    |
| Könneker et al. (2017)16      | -              | -                    | 7                           | -                             | -                   | -                 | -                    |
| Mendelaar et al. (2019)8      | -              | -                    | -                           | -                             | -                   | -                 | -                    |
| Molenkamp et al. (2017)39     | -              | -                    | 3                           | -                             | -                   | -                 | -                    |
| Novoa-Parra et al. (2017)14   | -              | -                    | -                           | -                             | -                   | -                 | -                    |
| Roush et al. (2000)17         | -              | 0                    | 0                           | 0                             | -                   | -                 | -                    |
| Spies et al. (2016)18         | -              | -                    | -                           | -                             | -                   | -                 | 6                    |
| van Rijssen et al. (2012)21   | -              | 0                    | 0                           | 0                             | -                   | -                 | 15                   |

CRPS=complex regional pain syndrome