| Title                                                                 | # of subjects/flaps                                                                 | Sensory testing method                                                                 |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Immediate targeted nipple-areolar complex re-innervation: Improving outcomes in immediate autologous breast reconstruction. (Tevlin 2021)\(^{22}\) | NSM with immediate autologous reconstruction with targeted NAC innervation in 14 breasts. 20 non-innervated controls | Semmes-Weinstein MF                                                                   |
| Sensory Recovery of the Breast following Innervated and Noninnervated Lateral Thigh Perforator Flap Breast Reconstruction. (Beugels 2021)\(^{23}\) | 37 innervated LTP flaps in 24 patients, 26 non-innervated LTP flaps in 18 patients. 12 non-operated breasts also used for reference | Semmes-Weinstein MF                                                                   |
| Sensory reinnervation of free flaps in reconstruction of the breast and the upper and lower extremities. (Sinis 2012)\(^{26}\) | 201 DIEP flaps, 4 superior gluteal artery perforator flaps and 54 transverse musculocutaneous gracilis flaps, all innervated | pinprick testing                                                                     |
| Breast reconstruction using the sensate latissimus dorsi musculocutaneous flap. (Yano 2002)\(^{24}\) | 14 patients total, 4 Innervated Lat Dorsi flaps, 10 Non-innervated Lat Dorsi flaps | Semmes Weinstein MF (touch), algesiometer (pain), Sammi thermoesthesiometer (temperature) |
| Abdominal flap neurotization with processed human nerve allograft - no technique specified (DIEP or TRAM). 59 on registry, 22 with complete data sets (and thus included in final analysis). n=15 innervated, n=7 non-innervated | | Semmes-Weinstein MF |

Table 4: Other Article Methods