Geographic and Practice-Driven Guideline Awareness Disparities in Plastic Surgery: A Survey Analysis of the American Society of Plastic Surgeons

| ASPS Practice Type                                      | Survey Population | Survey Responders | Survey non responders |
|---------------------------------------------------------|-------------------|-------------------|-----------------------|
| Academic                                                | 304               | 38                | 266                   |
| Academic Practice (salaried with private practice)      | 56                | 2                 | 54                    |
| Employed Physician                                      | 112               | 17                | 95                    |
| Solo                                                    | 972               | 91                | 881                   |
| Solo practice-shared facility                            | 147               | 17                | 135                   |
| Large multi-specialty group practice (more than 20 physicians) | 146               | 17                | 129                   |
| Large plastic surgery group practice (6 or more plastic surgeons) | 93                | 10                | 83                    |
| Small plastic surgery group practice (2-5 plastic surgeons) | 433               | 51                | 382                   |
| Military                                                | 20                | 0                 | 20                    |

| ASPS Practice Demographic                               | Survey Population | Survey Responders | Survey non responders |
|---------------------------------------------------------|-------------------|-------------------|-----------------------|
| 50% Reconstructive & 50% Cosmetic                       | 554               | 69                | 485                   |
| 25% Reconstructive & 75% Cosmetic                       | 500               | 45                | 455                   |
| 75% Reconstructive & 25% Cosmetic                       | 647               | 88                | 559                   |
| 100% Cosmetic                                           | 399               | 19                | 380                   |
| 100% Reconstructive                                     | 237               | 15                | 222                   |
## ASPS Gender

| Gender | Survey Population | Survey Responders | Survey non responders |
|--------|------------------|-------------------|----------------------|
| Female | 451 18%          | 58 24%            | 393 17%              |
| Male   | 2092 82%         | 185 76%           | 1907 83%             |

## ASPS Age

| Age     | Survey Population | Survey Responders | Survey non responders |
|---------|------------------|-------------------|----------------------|
| Under 35 | 27 1%          | 6 2%              | 21 1%                |
| 35 - 44 | 648 26%         | 62 26%            | 586 26%              |
| 45 - 54 | 729 29%         | 76 31%            | 653 28%              |
| 55 - 64 | 724 29%         | 68 28%            | 656 29%              |
| 65 and over | 407 16%       | 31 13%            | 376 16%              |

## ASPS Member Years

| Years | Survey Population | Survey Responders | Survey non responders |
|-------|------------------|-------------------|----------------------|
| Less than 5 | 363 16%        | 33 14%            | 330 16%              |
| 5 - 9 years | 389 17%        | 39 16%            | 350 17%              |
| 10 - 14 years | 363 16%      | 33 14%            | 330 16%              |
| 15 - 19 years | 367 16%       | 35 14%            | 332 16%              |
| 20 - 24 years | 265 11%        | 29 12%            | 236 11%              |
| 25 years or more | 560 24%  | 74 30%            | 486 24%              |

### Non-Responder Analysis/<20% response-rate Justification:

Our analysis pertaining to the characteristics of nonresponders indicated that the sample included in our analysis is representative of the greater ASPS members survey population. Survey topic responses in breast reconstruction pertaining to practice type/location, gender, age, and years in practice are in line with survey non-responders in terms of general distribution. Overall, there is good demographic concordance between the survey respondents and non-respondents, with a small responder bias in favor of practices with larger percentages of breast reconstruction practice. Given this survey's focus on breast reconstruction specifically, the 10% response rate overall is justified.
