

# **SUPPELEMENTARY TABLES**

TABLE -S-1- Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE at **MARGIN**

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison                 |               |                |     |                            |                | Mean<br>Differ<br>ence | SE             | df        | t           | p <sub>tuke</sub><br>y |            |
|----------------------------|---------------|----------------|-----|----------------------------|----------------|------------------------|----------------|-----------|-------------|------------------------|------------|
| IOS                        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE              | FINIS<br>HLINE |                        |                |           |             |                        |            |
| ME<br>DIT<br>-<br>i70<br>0 | SLA           | CFL            | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSFL                   | 137.<br>93     | 0.4<br>50 | 3<br>4<br>8 | 306<br>.80             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSBF<br>L              | 174.<br>04     | 0.4<br>50 | 3<br>4<br>8 | 387<br>.12             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | CFL                    | -6.19          | 0.4<br>50 | 3<br>4<br>8 | -<br>13.<br>76         | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSFL                   | 132.<br>70     | 0.4<br>50 | 3<br>4<br>8 | 295<br>.15             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSBF<br>L              | 169.<br>41     | 0.4<br>50 | 3<br>4<br>8 | 376<br>.82             | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | CFL                    | -<br>15.4<br>4 | 0.4<br>50 | 3<br>4<br>8 | -<br>34.<br>34         | < .0<br>01 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |                      |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------------------|----------------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE           | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br><br>RSFL      | 117.<br>92      | 0.4<br>50 | 3<br>4<br>8 | 262<br>.30      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br><br>RSBF<br>L | 151.<br>02      | 0.4<br>50 | 3<br>4<br>8 | 335<br>.91      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br><br>CFL       | -<br>20.6<br>6  | 0.4<br>50 | 3<br>4<br>8 | -<br>45.<br>96  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br><br>RSFL      | 114.<br>45      | 0.4<br>50 | 3<br>4<br>8 | 254<br>.57      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br><br>RSBF<br>L | 149.<br>16      | 0.4<br>50 | 3<br>4<br>8 | 331<br>.76      | < .0<br>01                     |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA<br><br>RSBF<br>L | 36.1<br>1       | 0.4<br>50 | 3<br>4<br>8 | 80.<br>32       | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br><br>CFL       | -<br>144.<br>12 | 0.4<br>50 | 3<br>4<br>8 | -<br>320<br>.55 | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br><br>RSFL      | -5.24           | 0.4<br>50 | 3<br>4<br>8 | -<br>11.<br>65  | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |     |               |                | Mean<br>Differ<br>ence | SE  | df | t   | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|-----|---------------|----------------|------------------------|-----|----|-----|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE | FINIS<br>HLINE |                        |     |    |     |                        |
|            |               |                | -   | ME<br>DIT     | RSBF           | 31.4                   | 0.4 | 3  | 70. | < .0                   |
|            |               |                | -   | DLP           | L              | 8                      | 50  | 4  | 02  | 01                     |
|            |               |                | -   | TRI           | CFL            | -                      | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | OS            | 3              | 153.                   | 50  | 4  | 341 | 01                     |
|            |               |                | -   | OS            | 3              | 20.0                   | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | SLA           | RSFL           | 1                      | 50  | 4  | 44. | 01                     |
|            |               |                | -   | OS            | 3              | 13.0                   | 0.4 | 3  | 29. | < .0                   |
|            |               |                | -   | SLA           | RSBF           | 9                      | 50  | 4  | 11  | 01                     |
|            |               |                | -   | TRI           | CFL            | -                      | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | OS            | 3              | 158.                   | 50  | 4  | 352 | 01                     |
|            |               |                | -   | OS            | 3              | 23.4                   | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | DLP           | RSFL           | 8                      | 50  | 4  | 52. | 01                     |
|            |               |                | -   | OS            | 3              | 11.2                   | 0.4 | 3  | 24. | < .0                   |
|            |               |                | -   | DLP           | RSBF           | 2                      | 50  | 4  | 96  | 01                     |
|            |               |                | -   | ME            | CFL            | -                      | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | DIT           | L              | 180.                   | 50  | 4  | 400 | 01                     |
|            |               |                | -   | ME            | CFL            | -                      | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | DIT           | L              | 180.                   | 50  | 4  | 400 | 01                     |
|            |               |                | -   | OS            | 3              | 23.4                   | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | DLP           | RSFL           | 8                      | 50  | 4  | 52. | 01                     |
|            |               |                | -   | OS            | 3              | 11.2                   | 0.4 | 3  | 24. | < .0                   |
|            |               |                | -   | DLP           | RSBF           | 2                      | 50  | 4  | 96  | 01                     |
|            |               |                | -   | ME            | CFL            | -                      | 0.4 | 3  | -   | < .0                   |
|            |               |                | -   | DIT           | L              | 180.                   | 50  | 4  | 400 | 01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |                            |               |                | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|----------------------------|---------------|----------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS                        | TECH<br>NIQUE | FINIS<br>HLINE |                        |           |             |                 |                        |
|            |               |                | ME<br>DIT<br>-<br>i70<br>0 | DLP           | RSFL           | -<br>41.3<br>5         | 0.4<br>50 | 3<br>4<br>8 | -<br>91.<br>97  | <.0<br>01              |
|            |               |                | ME<br>DIT<br>-<br>i70<br>0 | DLP           | RSBF<br>L      | -4.63                  | 0.4<br>50 | 3<br>4<br>8 | -<br>10.<br>30  | <.0<br>01              |
|            |               |                | TRI<br>OS<br>3             | SLA           | CFL            | -<br>189.<br>48        | 0.4<br>50 | 3<br>4<br>8 | -<br>421<br>.45 | <.0<br>01              |
|            |               |                | TRI<br>OS<br>3             | SLA           | RSFL           | -<br>56.1<br>2         | 0.4<br>50 | 3<br>4<br>8 | -<br>124<br>.82 | <.0<br>01              |
|            |               |                | TRI<br>OS<br>3             | SLA           | RSBF<br>L      | -<br>23.0<br>2         | 0.4<br>50 | 3<br>4<br>8 | -<br>51.<br>21  | <.0<br>01              |
|            |               |                | TRI<br>OS<br>3             | DLP           | CFL            | -<br>194.<br>70        | 0.4<br>50 | 3<br>4<br>8 | -<br>433<br>.07 | <.0<br>01              |
|            |               |                | TRI<br>OS<br>3             | DLP           | RSFL           | -<br>59.5<br>9         | 0.4<br>50 | 3<br>4<br>8 | -<br>132<br>.54 | <.0<br>01              |
|            |               |                | TRI<br>OS<br>3             | DLP           | RSBF<br>L      | -<br>24.8<br>9         | 0.4<br>50 | 3<br>4<br>8 | -<br>55.<br>35  | <.0<br>01              |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |              |            |                 |       |     |        |                                |
|------------|-----------|------------|-----|--------------|------------|-----------------|-------|-----|--------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE    | FINISHLINE | Mean Difference | SE    | df  | t      | p <sub>tuke</sub> <sub>y</sub> |
|            | DLP       | CFL        | -   | MEDIT - i700 | DLP RSFL   | 138.88          | 0.450 | 348 | 308.91 | <.001                          |
|            |           |            | -   | MEDIT - i700 | DLP RSBFL  | 175.60          | 0.450 | 348 | 390.57 | <.001                          |
|            |           |            | -   | TRIOS3       | SLA CFL    | -9.25           | 0.450 | 348 | -20.58 | <.001                          |
|            |           |            | -   | TRIOS3       | SLA RSFL   | 124.11          | 0.450 | 348 | 276.05 | <.001                          |
|            |           |            | -   | TRIOS3       | SLA RSBFL  | 157.21          | 0.450 | 348 | 349.67 | <.001                          |
|            |           |            | -   | TRIOS3       | DLP CFL    | -14.48          | 0.450 | 348 | -32.20 | <.001                          |
|            |           |            | -   | TRIOS3       | DLP RSFL   | 120.64          | 0.450 | 348 | 268.33 | <.001                          |
|            |           |            | -   | TRIOS3       | DLP RSBFL  | 155.34          | 0.450 | 348 | 345.52 | <.001                          |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |                            |               |                | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|----------------------------|---------------|----------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS                        | TECH<br>NIQUE | FINIS<br>HLINE |                        |           |             |                 |                        |
|            | RSFL          | -              | ME<br>DIT<br>-<br>i70<br>0 | DLP           | RSBF<br>L      | 36.7<br>2              | 0.4<br>50 | 3<br>4<br>8 | 81.<br>67       | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | SLA           | CFL            | -<br>148.<br>13        | 0.4<br>50 | 3<br>4<br>8 | -<br>329<br>.49 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | SLA           | RSFL           | -<br>14.7<br>7         | 0.4<br>50 | 3<br>4<br>8 | -<br>32.<br>85  | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | SLA           | RSBF<br>L      | 18.3<br>3              | 0.4<br>50 | 3<br>4<br>8 | 40.<br>76       | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | DLP           | CFL            | -<br>153.<br>36        | 0.4<br>50 | 3<br>4<br>8 | -<br>341<br>.10 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | DLP           | RSFL           | -<br>18.2<br>4         | 0.4<br>50 | 3<br>4<br>8 | -<br>40.<br>58  | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | DLP           | RSBF<br>L      | 16.4<br>6              | 0.4<br>50 | 3<br>4<br>8 | 36.<br>61       | < .0<br>01             |
|            | RSBF<br>L     | -              | TRI<br>OS<br>3             | SLA           | CFL            | -<br>184.<br>85        | 0.4<br>50 | 3<br>4<br>8 | -<br>411<br>.15 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3             | SLA           | RSFL           | -<br>51.4<br>9         | 0.4<br>50 | 3<br>4<br>8 | -<br>114<br>.52 | < .0<br>01             |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |           |            |                 |         |       |     |                                |       |
|------------|-----------|------------|-----|-----------|------------|-----------------|---------|-------|-----|--------------------------------|-------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE | FINISHLINE | Mean Difference | SE      | df    | t   | p <sub>tuke</sub> <sub>y</sub> |       |
| TRIOS3     | SLA       | CFL        | -   | TRIOS3    | SLA        | RSBFL           | -18.39  | 0.450 | 348 | -40.91                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | CFL             | -190.07 | 0.450 | 348 | -422.77                        | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSFL            | -54.96  | 0.450 | 348 | -122.24                        | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSBFL           | -20.26  | 0.450 | 348 | -45.05                         | <.001 |
|            |           | RSFL       | -   | TRIOS3    | SLA        | RSFL            | 133.36  | 0.450 | 348 | 296.63                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSBFL           | 166.46  | 0.450 | 348 | 370.25                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | CFL             | -5.22   | 0.450 | 348 | -11.62                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSFL            | 129.89  | 0.450 | 348 | 288.91                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSBFL           | 164.59  | 0.450 | 348 | 366.10                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSBFL           | 33.10   | 0.450 | 348 | 73.61                          | <.001 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |     |                |                  | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|-----|----------------|------------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE  | FINIS<br>HLINE   |                        |           |             |                 |                        |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>CFL       | -<br>138.<br>59        | 0.4<br>50 | 3<br>4<br>8 | -<br>308<br>.25 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | -3.47                  | 0.4<br>50 | 3<br>4<br>8 | -<br>7.7<br>2   | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 31.2<br>3              | 0.4<br>50 | 3<br>4<br>8 | 69.<br>47       | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>CFL       | -<br>171.<br>68        | 0.4<br>50 | 3<br>4<br>8 | -<br>381<br>.87 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | -<br>36.5<br>7         | 0.4<br>50 | 3<br>4<br>8 | -<br>81.<br>34  | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | -1.87                  | 0.4<br>50 | 3<br>4<br>8 | -<br>4.1<br>5   | 0.0<br>02              |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | 135.<br>11             | 0.4<br>50 | 3<br>4<br>8 | 300<br>.53      | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 169.<br>82             | 0.4<br>50 | 3<br>4<br>8 | 377<br>.72      | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 34.7<br>0              | 0.4<br>50 | 3<br>4<br>8 | 77.<br>19       | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 34.7<br>0              | 0.4<br>50 | 3<br>4<br>8 | 77.<br>19       | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 34.7<br>0              | 0.4<br>50 | 3<br>4<br>8 | 77.<br>19       | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 34.7<br>0              | 0.4<br>50 | 3<br>4<br>8 | 77.<br>19       | < .0<br>01             |

Note. Comparisons are based on estimated marginal means

TABLE -S-2- Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE at **B-AXIAL**

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison                 |               |                |     |                            |                | Mean<br>Differ<br>ence | SE             | df        | t           | p <sub>tuke</sub><br>y |            |
|----------------------------|---------------|----------------|-----|----------------------------|----------------|------------------------|----------------|-----------|-------------|------------------------|------------|
| IOS                        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE              | FINIS<br>HLINE |                        |                |           |             |                        |            |
| ME<br>DIT<br>-<br>i70<br>0 | SLA           | CFL            | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSFL                   | 138.<br>38     | 0.4<br>99 | 3<br>4<br>8 | 277<br>.54             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSBF<br>L              | 174.<br>82     | 0.4<br>99 | 3<br>4<br>8 | 350<br>.62             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | CFL                    | -5.17          | 0.4<br>99 | 3<br>4<br>8 | -<br>10.<br>37         | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSFL                   | 133.<br>31     | 0.4<br>99 | 3<br>4<br>8 | 267<br>.37             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSBF<br>L              | 169.<br>93     | 0.4<br>99 | 3<br>4<br>8 | 340<br>.81             | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | CFL                    | -<br>16.0<br>2 | 0.4<br>99 | 3<br>4<br>8 | -<br>32.<br>12         | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | RSFL                   | 118.<br>23     | 0.4<br>99 | 3<br>4<br>8 | 237<br>.13             | < .0<br>01 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                        |              |                 |       |     |         |                                |
|------------|-----------|------------|-----|------------------------|--------------|-----------------|-------|-----|---------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE              | FINISHLINE   | Mean Difference | SE    | df  | t       | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3         | SLA<br>RSBFL | 151.09          | 0.499 | 348 | 303.02  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3         | DLP<br>CFL   | -19.46          | 0.499 | 348 | -39.02  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3         | DLP<br>RSFL  | 115.18          | 0.499 | 348 | 231.01  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3         | DLP<br>RSBFL | 149.05          | 0.499 | 348 | 298.93  | <.001                          |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i700 | SLA<br>RSBFL | 36.44           | 0.499 | 348 | 73.08   | <.001                          |
|            |           |            | -   | ME<br>DIT<br>-<br>i700 | DLP<br>CFL   | -143.56         | 0.499 | 348 | -287.92 | <.001                          |
|            |           |            | -   | ME<br>DIT<br>-<br>i700 | DLP<br>RSFL  | -5.07           | 0.499 | 348 | -10.17  | <.001                          |
|            |           |            | -   | ME<br>DIT<br>-<br>i700 | DLP<br>RSBFL | 31.55           | 0.499 | 348 | 63.27   | <.001                          |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -<br>154.<br>40 | 0.4<br>99 | 3<br>4<br>8 | -<br>309<br>.66 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSFL  | -<br>20.1<br>5  | 0.4<br>99 | 3<br>4<br>8 | -<br>40.<br>41  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSBFL | 12.7<br>0       | 0.4<br>99 | 3<br>4<br>8 | 25.<br>47       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>CFL   | -<br>157.<br>84 | 0.4<br>99 | 3<br>4<br>8 | -<br>316<br>.56 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSFL  | -<br>23.2<br>0  | 0.4<br>99 | 3<br>4<br>8 | -<br>46.<br>54  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSBFL | 10.6<br>6       | 0.4<br>99 | 3<br>4<br>8 | 21.<br>39       | < .0<br>01                     |
|            |           | RSBFL      | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>CFL   | -<br>179.<br>99 | 0.4<br>99 | 3<br>4<br>8 | -<br>360<br>.99 | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSFL  | -<br>41.5<br>1  | 0.4<br>99 | 3<br>4<br>8 | -<br>83.<br>24  | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |     |                |                  | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|-----|----------------|------------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE  | FINIS<br>HLINE   |                        |           |             |                 |                        |
|            |               |                | -   | ME<br>DIT      | RSBF<br>L        | -4.89                  | 0.4<br>99 | 3<br>4<br>8 | -<br>9.8<br>1   | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | SLA<br>CFL       | -<br>190.<br>84        | 0.4<br>99 | 3<br>4<br>8 | -<br>382<br>.74 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | SLA<br>RSFL      | -<br>56.5<br>9         | 0.4<br>99 | 3<br>4<br>8 | -<br>113<br>.49 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | SLA<br>RSBF<br>L | -<br>23.7<br>3         | 0.4<br>99 | 3<br>4<br>8 | -<br>47.<br>60  | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>CFL       | -<br>194.<br>28        | 0.4<br>99 | 3<br>4<br>8 | -<br>389<br>.64 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | -<br>59.6<br>4         | 0.4<br>99 | 3<br>4<br>8 | -<br>119<br>.61 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | -<br>25.7<br>7         | 0.4<br>99 | 3<br>4<br>8 | -<br>51.<br>69  | < .0<br>01             |
|            |               |                | -   | ME<br>DIT      | DLP<br>RSFL      | 138.<br>49             | 0.4<br>99 | 3<br>4<br>8 | 277<br>.75      | < .0<br>01             |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |              |                 |       |     |         |                                |
|------------|-----------|------------|-----|----------------------------|--------------|-----------------|-------|-----|---------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE   | Mean Difference | SE    | df  | t       | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 175.10          | 0.499 | 348 | 351.18  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -10.84          | 0.499 | 348 | -21.75  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSFL  | 123.41          | 0.499 | 348 | 247.50  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSBFL | 156.26          | 0.499 | 348 | 313.39  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>CFL   | -14.28          | 0.499 | 348 | -28.65  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSFL  | 120.35          | 0.499 | 348 | 241.38  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSBFL | 154.22          | 0.499 | 348 | 309.30  | <.001                          |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 36.62           | 0.499 | 348 | 73.44   | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -149.33         | 0.499 | 348 | -299.50 | <.001                          |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE      | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           | RSBFL      | -   | TRI<br>OS<br>3 | SLA<br>RSFL  | -<br>15.0<br>8  | 0.4<br>99 | 3<br>4<br>8 | -<br>30.<br>24  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSBFL | 17.7<br>7       | 0.4<br>99 | 3<br>4<br>8 | 35.<br>64       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>CFL   | -<br>152.<br>77 | 0.4<br>99 | 3<br>4<br>8 | -<br>306<br>.40 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL  | -<br>18.1<br>3  | 0.4<br>99 | 3<br>4<br>8 | -<br>36.<br>37  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSBFL | 15.7<br>3       | 0.4<br>99 | 3<br>4<br>8 | 31.<br>56       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>CFL   | -<br>185.<br>95 | 0.4<br>99 | 3<br>4<br>8 | -<br>372<br>.93 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSFL  | -<br>51.7<br>0  | 0.4<br>99 | 3<br>4<br>8 | -<br>103<br>.68 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSBFL | -<br>18.8<br>4  | 0.4<br>99 | 3<br>4<br>8 | -<br>37.<br>79  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>CFL   | -<br>189.<br>39 | 0.4<br>99 | 3<br>4<br>8 | -<br>379<br>.83 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL  | -<br>54.7<br>5  | 0.4<br>99 | 3<br>4<br>8 | -<br>109<br>.80 | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |        |           |            |                 |         |       |       |                                |       |
|------------|-----------|------------|--------|-----------|------------|-----------------|---------|-------|-------|--------------------------------|-------|
| IOS        | TECHNIQUE | FINISHLINE | IOS    | TECHNIQUE | FINISHLINE | Mean Difference | SE      | df    | t     | p <sub>tuke</sub> <sub>y</sub> |       |
| TRIOS3     | SLA       | CFL        | -      | TRIOS3    | DLP        | RSBFL           | -20.88  | 0.499 | 348   | -41.88                         | <.001 |
|            |           |            | -      | TRIOS3    | SLA        | RSFL            | 134.25  | 0.499 | 348   | 269.25                         | <.001 |
|            |           |            | -      | TRIOS3    | SLA        | RSBFL           | 167.10  | 0.499 | 348   | 335.14                         | <.001 |
|            |           |            | -      | TRIOS3    | DLP        | CFL             | -3.44   | 0.499 | 348   | -6.90                          | <.001 |
|            |           |            | -      | TRIOS3    | DLP        | RSFL            | 131.20  | 0.499 | 348   | 263.13                         | <.001 |
|            |           | RSFL       | -      | TRIOS3    | DLP        | RSBFL           | 165.06  | 0.499 | 348   | 331.05                         | <.001 |
|            |           |            | -      | TRIOS3    | SLA        | RSBFL           | 32.85   | 0.499 | 348   | 65.89                          | <.001 |
|            |           |            | -      | TRIOS3    | DLP        | CFL             | -137.69 | 0.499 | 348   | -276.15                        | <.001 |
|            |           |            | -      | TRIOS3    | DLP        | RSFL            | -3.05   | 0.499 | 348   | -6.12                          | <.001 |
|            |           | -          | TRIOS3 | DLP       | RSBFL      | 30.81           | 0.499   | 348   | 61.80 | <.001                          |       |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE      | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           | RSBFL      | -   | TRI<br>OS<br>3 | DLP<br>CFL   | -<br>170.<br>54 | 0.4<br>99 | 3<br>4<br>8 | -<br>342<br>.04 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL  | -<br>35.9<br>0  | 0.4<br>99 | 3<br>4<br>8 | -<br>72.<br>01  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSBFL | -2.04           | 0.4<br>99 | 3<br>4<br>8 | -<br>4.0<br>9   | 0.0<br>03                      |
|            | DLP       | CFL        | -   | TRI<br>OS<br>3 | DLP<br>RSFL  | 134.<br>64      | 0.4<br>99 | 3<br>4<br>8 | 270<br>.03      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSBFL | 168.<br>50      | 0.4<br>99 | 3<br>4<br>8 | 337<br>.95      | < .0<br>01                     |
|            |           | RSFL       | -   | TRI<br>OS<br>3 | DLP<br>RSBFL | 33.8<br>7       | 0.4<br>99 | 3<br>4<br>8 | 67.<br>92       | < .0<br>01                     |

Note. Comparisons are based on estimated marginal means

TABLE -S-3- Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE at **OCCLUSAL**

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison                 |               |                |     |                            |                | Mean<br>Differ<br>ence | SE             | df        | t           | p <sub>tuke</sub><br>y |            |
|----------------------------|---------------|----------------|-----|----------------------------|----------------|------------------------|----------------|-----------|-------------|------------------------|------------|
| IOS                        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE              | FINIS<br>HLINE |                        |                |           |             |                        |            |
| ME<br>DIT<br>-<br>i70<br>0 | SLA           | CFL            | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSFL                   | 138.<br>22     | 0.4<br>64 | 3<br>4<br>8 | 297<br>.91             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSBF<br>L              | 174.<br>17     | 0.4<br>64 | 3<br>4<br>8 | 375<br>.40             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | CFL                    | -6.59          | 0.4<br>64 | 3<br>4<br>8 | -<br>14.<br>21         | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSFL                   | 132.<br>26     | 0.4<br>64 | 3<br>4<br>8 | 285<br>.06             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSBF<br>L              | 168.<br>03     | 0.4<br>64 | 3<br>4<br>8 | 362<br>.17             | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | CFL                    | -<br>15.9<br>0 | 0.4<br>64 | 3<br>4<br>8 | -<br>34.<br>27         | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | RSFL                   | 117.<br>59     | 0.4<br>64 | 3<br>4<br>8 | 253<br>.45             | < .0<br>01 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSBFL | 152.<br>09      | 0.4<br>64 | 3<br>4<br>8 | 327<br>.81      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>CFL   | -<br>20.6<br>3  | 0.4<br>64 | 3<br>4<br>8 | -<br>44.<br>46  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSFL  | 114.<br>15      | 0.4<br>64 | 3<br>4<br>8 | 246<br>.03      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSBFL | 147.<br>06      | 0.4<br>64 | 3<br>4<br>8 | 316<br>.96      | < .0<br>01                     |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA<br>RSBFL | 35.9<br>5       | 0.4<br>64 | 3<br>4<br>8 | 77.<br>49       | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>CFL   | -<br>144.<br>81 | 0.4<br>64 | 3<br>4<br>8 | -<br>312<br>.12 | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSFL  | -5.96           | 0.4<br>64 | 3<br>4<br>8 | -<br>12.<br>85  | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 29.8<br>1       | 0.4<br>64 | 3<br>4<br>8 | 64.<br>26       | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |                              |               |                | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|------------------------------|---------------|----------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS                          | TECH<br>NIQUE | FINIS<br>HLINE |                        |           |             |                 |                        |
|            |               | RSBF<br>L      | - TRI<br>OS<br>3             | SLA           | CFL            | -<br>154.<br>12        | 0.4<br>64 | 3<br>4<br>8 | -<br>332<br>.18 | < .0<br>01             |
|            |               |                | - TRI<br>OS<br>3             | SLA           | RSFL           | -<br>20.6<br>3         | 0.4<br>64 | 3<br>4<br>8 | -<br>44.<br>47  | < .0<br>01             |
|            |               |                | - TRI<br>OS<br>3             | SLA           | RSBF<br>L      | 13.8<br>7              | 0.4<br>64 | 3<br>4<br>8 | 29.<br>90       | < .0<br>01             |
|            |               |                | - TRI<br>OS<br>3             | DLP           | CFL            | -<br>158.<br>85        | 0.4<br>64 | 3<br>4<br>8 | -<br>342<br>.37 | < .0<br>01             |
|            |               |                | - TRI<br>OS<br>3             | DLP           | RSFL           | -<br>24.0<br>7         | 0.4<br>64 | 3<br>4<br>8 | -<br>51.<br>88  | < .0<br>01             |
|            |               |                | - TRI<br>OS<br>3             | DLP           | RSBF<br>L      | 8.84                   | 0.4<br>64 | 3<br>4<br>8 | 19.<br>05       | < .0<br>01             |
|            |               |                | - ME<br>DIT<br>-<br>i70<br>0 | DLP           | CFL            | -<br>180.<br>76        | 0.4<br>64 | 3<br>4<br>8 | -<br>389<br>.60 | < .0<br>01             |
|            |               |                | - ME<br>DIT<br>-<br>i70<br>0 | DLP           | RSFL           | -<br>41.9<br>1         | 0.4<br>64 | 3<br>4<br>8 | -<br>90.<br>34  | < .0<br>01             |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |                                 |               |                | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|---------------------------------|---------------|----------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS                             | TECH<br>NIQUE | FINIS<br>HLINE |                        |           |             |                 |                        |
|            |               |                | ME<br>DIT<br>-<br>-<br>i70<br>0 | DLP           | RSBF<br>L      | -6.14                  | 0.4<br>64 | 3<br>4<br>8 | -<br>13.<br>23  | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3                  | SLA           | CFL            | -<br>190.<br>07        | 0.4<br>64 | 3<br>4<br>8 | -<br>409<br>.67 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3                  | SLA           | RSFL           | -<br>56.5<br>8         | 0.4<br>64 | 3<br>4<br>8 | -<br>121<br>.95 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3                  | SLA           | RSBF<br>L      | -<br>22.0<br>8         | 0.4<br>64 | 3<br>4<br>8 | -<br>47.<br>59  | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3                  | DLP           | CFL            | -<br>194.<br>80        | 0.4<br>64 | 3<br>4<br>8 | -<br>419<br>.86 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3                  | DLP           | RSFL           | -<br>60.0<br>2         | 0.4<br>64 | 3<br>4<br>8 | -<br>129<br>.36 | < .0<br>01             |
|            |               |                | TRI<br>OS<br>3                  | DLP           | RSBF<br>L      | -<br>27.1<br>1         | 0.4<br>64 | 3<br>4<br>8 | -<br>58.<br>43  | < .0<br>01             |
|            | DLP           | CFL            | ME<br>DIT<br>-<br>-<br>i70<br>0 | DLP           | RSFL           | 138.<br>85             | 0.4<br>64 | 3<br>4<br>8 | 299<br>.27      | < .0<br>01             |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |              |                 |       |     |         |                                |
|------------|-----------|------------|-----|----------------------------|--------------|-----------------|-------|-----|---------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE   | Mean Difference | SE    | df  | t       | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 174.63          | 0.464 | 348 | 376.38  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -9.31           | 0.464 | 348 | -20.06  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSFL  | 124.18          | 0.464 | 348 | 267.65  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSBFL | 158.69          | 0.464 | 348 | 342.02  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>CFL   | -14.04          | 0.464 | 348 | -30.26  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSFL  | 120.74          | 0.464 | 348 | 260.24  | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSBFL | 153.65          | 0.464 | 348 | 331.17  | <.001                          |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 35.78           | 0.464 | 348 | 77.11   | <.001                          |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -148.16         | 0.464 | 348 | -319.33 | <.001                          |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                |                  |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------|------------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE      | FINISHLINE       | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSFL      | -<br>14.6<br>7  | 0.4<br>64 | 3<br>4<br>8 | -<br>31.<br>61  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSBF<br>L | 19.8<br>4       | 0.4<br>64 | 3<br>4<br>8 | 42.<br>75       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>CFL       | -<br>152.<br>89 | 0.4<br>64 | 3<br>4<br>8 | -<br>329<br>.52 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | -<br>18.1<br>1  | 0.4<br>64 | 3<br>4<br>8 | -<br>39.<br>02  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | 14.8<br>0       | 0.4<br>64 | 3<br>4<br>8 | 31.<br>91       | < .0<br>01                     |
|            |           | RSBF<br>L  | -   | TRI<br>OS<br>3 | SLA<br>CFL       | -<br>183.<br>94 | 0.4<br>64 | 3<br>4<br>8 | -<br>396<br>.44 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSFL      | -<br>50.4<br>4  | 0.4<br>64 | 3<br>4<br>8 | -<br>108<br>.72 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSBF<br>L | -<br>15.9<br>4  | 0.4<br>64 | 3<br>4<br>8 | -<br>34.<br>36  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>CFL       | -<br>188.<br>66 | 0.4<br>64 | 3<br>4<br>8 | -<br>406<br>.63 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | -<br>53.8<br>8  | 0.4<br>64 | 3<br>4<br>8 | -<br>116<br>.13 | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |           |            |                 |         |       |     |                                |       |
|------------|-----------|------------|-----|-----------|------------|-----------------|---------|-------|-----|--------------------------------|-------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE | FINISHLINE | Mean Difference | SE      | df    | t   | p <sub>tuke</sub> <sub>y</sub> |       |
| TRIOS3     | SLA       | CFL        | -   | TRIOS3    | DLP        | RSBFL           | -20.97  | 0.464 | 348 | -45.20                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSFL            | 133.49  | 0.464 | 348 | 287.72                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSBFL           | 167.99  | 0.464 | 348 | 362.08                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | CFL             | -4.73   | 0.464 | 348 | -10.19                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSFL            | 130.05  | 0.464 | 348 | 280.30                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSBFL           | 162.96  | 0.464 | 348 | 351.23                         | <.001 |
|            |           | RSFL       | -   | TRIOS3    | SLA        | RSBFL           | 34.50   | 0.464 | 348 | 74.36                          | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | CFL             | -138.22 | 0.464 | 348 | -297.91                        | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSFL            | -3.44   | 0.464 | 348 | -7.41                          | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSBFL           | 29.47   | 0.464 | 348 | 63.52                          | <.001 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |           |            |                 |       |     |         |                                |
|------------|-----------|------------|-----|-----------|------------|-----------------|-------|-----|---------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE | FINISHLINE | Mean Difference | SE    | df  | t       | p <sub>tuke</sub> <sub>y</sub> |
|            |           | RSBFL      | -   | TRIOS3    | DLP CFL    | -172.72         | 0.464 | 348 | -372.27 | <.001                          |
|            |           |            | -   | TRIOS3    | DLP RSFL   | -37.94          | 0.464 | 348 | -81.78  | <.001                          |
|            |           |            | -   | TRIOS3    | DLP RSBFL  | -5.03           | 0.464 | 348 | -10.85  | <.001                          |
|            | DLP       | CFL        | -   | TRIOS3    | DLP RSFL   | 134.78          | 0.464 | 348 | 290.50  | <.001                          |
|            |           |            | -   | TRIOS3    | DLP RSBFL  | 167.69          | 0.464 | 348 | 361.43  | <.001                          |
|            |           | RSFL       | -   | TRIOS3    | DLP RSBFL  | 32.91           | 0.464 | 348 | 70.93   | <.001                          |

Note. Comparisons are based on estimated marginal means

TABLE -S-4- Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE at **P-AXIAL**

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison                 |               |                |     |                            |                | Mean<br>Differ<br>ence | SE             | df        | t           | p <sub>tuke</sub><br>y |            |
|----------------------------|---------------|----------------|-----|----------------------------|----------------|------------------------|----------------|-----------|-------------|------------------------|------------|
| IOS                        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE              | FINIS<br>HLINE |                        |                |           |             |                        |            |
| ME<br>DIT<br>-<br>i70<br>0 | SLA           | CFL            | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSFL                   | 134.<br>32     | 0.5<br>27 | 3<br>4<br>8 | 254<br>.95             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA            | RSBF<br>L              | 173.<br>90     | 0.5<br>27 | 3<br>4<br>8 | 330<br>.07             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | CFL                    | -5.64          | 0.5<br>27 | 3<br>4<br>8 | -<br>10.<br>70         | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSFL                   | 132.<br>11     | 0.5<br>27 | 3<br>4<br>8 | 250<br>.76             | < .0<br>01 |
|                            |               |                | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP            | RSBF<br>L              | 168.<br>49     | 0.5<br>27 | 3<br>4<br>8 | 319<br>.80             | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | CFL                    | -<br>16.7<br>4 | 0.5<br>27 | 3<br>4<br>8 | -<br>31.<br>76         | < .0<br>01 |
|                            |               |                | -   | TRI<br>OS<br>3             | SLA            | RSFL                   | 117.<br>03     | 0.5<br>27 | 3<br>4<br>8 | 222<br>.14             | < .0<br>01 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSBFL | 150.<br>20      | 0.5<br>27 | 3<br>4<br>8 | 285<br>.08      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>CFL   | -<br>20.6<br>7  | 0.5<br>27 | 3<br>4<br>8 | -<br>39.<br>24  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSFL  | 114.<br>87      | 0.5<br>27 | 3<br>4<br>8 | 218<br>.03      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSBFL | 147.<br>96      | 0.5<br>27 | 3<br>4<br>8 | 280<br>.84      | < .0<br>01                     |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i70<br>0 | SLA<br>RSBFL | 39.5<br>8       | 0.5<br>27 | 3<br>4<br>8 | 75.<br>13       | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>CFL   | -<br>139.<br>96 | 0.5<br>27 | 3<br>4<br>8 | -<br>265<br>.65 | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSFL  | -2.21           | 0.5<br>27 | 3<br>4<br>8 | -<br>4.1<br>9   | 0.0<br>02                      |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 34.1<br>7       | 0.5<br>27 | 3<br>4<br>8 | 64.<br>85       | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |                  |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------------------|------------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE       | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br><br>CFL   | -<br>151.<br>05 | 0.5<br>27 | 3<br>4<br>8 | -<br>286<br>.71 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br><br>RSFL  | -<br>17.2<br>8  | 0.5<br>27 | 3<br>4<br>8 | -<br>32.<br>80  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br><br>RSBFL | 15.8<br>8       | 0.5<br>27 | 3<br>4<br>8 | 30.<br>14       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br><br>CFL   | -<br>154.<br>99 | 0.5<br>27 | 3<br>4<br>8 | -<br>294<br>.19 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br><br>RSFL  | -<br>19.4<br>5  | 0.5<br>27 | 3<br>4<br>8 | -<br>36.<br>91  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br><br>RSBFL | 13.6<br>4       | 0.5<br>27 | 3<br>4<br>8 | 25.<br>89       | < .0<br>01                     |
|            |           | RSBFL      | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br><br>CFL   | -<br>179.<br>54 | 0.5<br>27 | 3<br>4<br>8 | -<br>340<br>.78 | < .0<br>01                     |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br><br>RSFL  | -<br>41.7<br>9  | 0.5<br>27 | 3<br>4<br>8 | -<br>79.<br>32  | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |               |                |     |                |                  | Mean<br>Differ<br>ence | SE        | df          | t               | p <sub>tuke</sub><br>y |
|------------|---------------|----------------|-----|----------------|------------------|------------------------|-----------|-------------|-----------------|------------------------|
| IOS        | TECH<br>NIQUE | FINIS<br>HLINE | IOS | TECH<br>NIQUE  | FINIS<br>HLINE   |                        |           |             |                 |                        |
|            |               |                | -   | ME<br>DIT      | RSBF<br>L        | -5.41                  | 0.5<br>27 | 3<br>4<br>8 | -<br>10.<br>27  | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | SLA<br>CFL       | -<br>190.<br>63        | 0.5<br>27 | 3<br>4<br>8 | -<br>361<br>.84 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | SLA<br>RSFL      | -<br>56.8<br>6         | 0.5<br>27 | 3<br>4<br>8 | -<br>107<br>.93 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | SLA<br>RSBF<br>L | -<br>23.7<br>0         | 0.5<br>27 | 3<br>4<br>8 | -<br>44.<br>99  | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>CFL       | -<br>194.<br>57        | 0.5<br>27 | 3<br>4<br>8 | -<br>369<br>.31 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSFL      | -<br>59.0<br>3         | 0.5<br>27 | 3<br>4<br>8 | -<br>112<br>.04 | < .0<br>01             |
|            |               |                | -   | TRI<br>OS<br>3 | DLP<br>RSBF<br>L | -<br>25.9<br>4         | 0.5<br>27 | 3<br>4<br>8 | -<br>49.<br>24  | < .0<br>01             |
|            |               |                | -   | ME<br>DIT      | DLP<br>RSFL      | 137.<br>75             | 0.5<br>27 | 3<br>4<br>8 | 261<br>.46      | < .0<br>01             |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                            |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE                  | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           |            | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 174.<br>12      | 0.5<br>27 | 3<br>4<br>8 | 330<br>.50      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -<br>11.1<br>0  | 0.5<br>27 | 3<br>4<br>8 | -<br>21.<br>06  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSFL  | 122.<br>67      | 0.5<br>27 | 3<br>4<br>8 | 232<br>.84      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>RSBFL | 155.<br>83      | 0.5<br>27 | 3<br>4<br>8 | 295<br>.78      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>CFL   | -<br>15.0<br>4  | 0.5<br>27 | 3<br>4<br>8 | -<br>28.<br>54  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSFL  | 120.<br>51      | 0.5<br>27 | 3<br>4<br>8 | 228<br>.73      | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | DLP<br>RSBFL | 153.<br>60      | 0.5<br>27 | 3<br>4<br>8 | 291<br>.54      | < .0<br>01                     |
|            |           | RSFL       | -   | ME<br>DIT<br>-<br>i70<br>0 | DLP<br>RSBFL | 36.3<br>7       | 0.5<br>27 | 3<br>4<br>8 | 69.<br>04       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3             | SLA<br>CFL   | -<br>148.<br>85 | 0.5<br>27 | 3<br>4<br>8 | -<br>282<br>.52 | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |                |              |                 |           |             |                 |                                |
|------------|-----------|------------|-----|----------------|--------------|-----------------|-----------|-------------|-----------------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE      | FINISHLINE   | Mean Difference | SE        | df          | t               | p <sub>tuke</sub> <sub>y</sub> |
|            |           | RSBFL      | -   | TRI<br>OS<br>3 | SLA<br>RSFL  | -<br>15.0<br>8  | 0.5<br>27 | 3<br>4<br>8 | -<br>28.<br>62  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSBFL | 18.0<br>8       | 0.5<br>27 | 3<br>4<br>8 | 34.<br>32       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>CFL   | -<br>152.<br>78 | 0.5<br>27 | 3<br>4<br>8 | -<br>290<br>.00 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL  | -<br>17.2<br>4  | 0.5<br>27 | 3<br>4<br>8 | -<br>32.<br>73  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSBFL | 15.8<br>5       | 0.5<br>27 | 3<br>4<br>8 | 30.<br>08       | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>CFL   | -<br>185.<br>22 | 0.5<br>27 | 3<br>4<br>8 | -<br>351<br>.56 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSFL  | -<br>51.4<br>5  | 0.5<br>27 | 3<br>4<br>8 | -<br>97.<br>66  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | SLA<br>RSBFL | -<br>18.2<br>9  | 0.5<br>27 | 3<br>4<br>8 | -<br>34.<br>72  | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>CFL   | -<br>189.<br>16 | 0.5<br>27 | 3<br>4<br>8 | -<br>359<br>.04 | < .0<br>01                     |
|            |           |            | -   | TRI<br>OS<br>3 | DLP<br>RSFL  | -<br>53.6<br>2  | 0.5<br>27 | 3<br>4<br>8 | -<br>101<br>.77 | < .0<br>01                     |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |           |            |                 |         |       |     |                                |       |
|------------|-----------|------------|-----|-----------|------------|-----------------|---------|-------|-----|--------------------------------|-------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE | FINISHLINE | Mean Difference | SE      | df    | t   | p <sub>tuke</sub> <sub>y</sub> |       |
| TRIOS3     | SLA       | CFL        | -   | TRIOS3    | DLP        | RSBFL           | -20.53  | 0.527 | 348 | -38.96                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSFL            | 133.77  | 0.527 | 348 | 253.91                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSBFL           | 166.93  | 0.527 | 348 | 316.85                         | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | CFL             | -3.94   | 0.527 | 348 | -7.48                          | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSFL            | 131.60  | 0.527 | 348 | 249.80                         | <.001 |
|            |           | RSFL       | -   | TRIOS3    | DLP        | RSBFL           | 164.69  | 0.527 | 348 | 312.60                         | <.001 |
|            |           |            | -   | TRIOS3    | SLA        | RSBFL           | 33.16   | 0.527 | 348 | 62.94                          | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | CFL             | -137.71 | 0.527 | 348 | -261.38                        | <.001 |
|            |           |            | -   | TRIOS3    | DLP        | RSFL            | -2.16   | 0.527 | 348 | -4.11                          | 0.003 |
|            |           |            | -   | TRIOS3    | DLP        | RSBFL           | 30.92   | 0.527 | 348 | 58.70                          | <.001 |

Post Hoc Comparisons - IOS \* TECHNIQUE \* FINISHLINE

| Comparison |           |            |     |           |            |                 |       |     |         |                                |
|------------|-----------|------------|-----|-----------|------------|-----------------|-------|-----|---------|--------------------------------|
| IOS        | TECHNIQUE | FINISHLINE | IOS | TECHNIQUE | FINISHLINE | Mean Difference | SE    | df  | t       | p <sub>tuke</sub> <sub>y</sub> |
|            |           | RSBFL      | TRI | DLP       | CFL        | -170.87         | 0.527 | 348 | -324.32 | <.001                          |
|            |           |            | OS3 |           |            |                 |       |     |         |                                |
|            |           |            | TRI | DLP       | RSFL       | -35.33          | 0.527 | 348 | -67.05  | <.001                          |
|            |           |            | OS3 |           |            |                 |       |     |         |                                |
|            | DLP       |            | TRI | DLP       | RSBFL      | -2.24           | 0.527 | 348 | -4.24   | 0.002                          |
|            |           |            | OS3 |           |            |                 |       |     |         |                                |
|            |           | CFL        | TRI | DLP       | RSFL       | 135.54          | 0.527 | 348 | 257.27  | <.001                          |
|            |           |            | OS3 |           |            |                 |       |     |         |                                |
|            |           |            | TRI | DLP       | RSBFL      | 168.63          | 0.527 | 348 | 320.08  | <.001                          |
|            |           |            | OS3 |           |            |                 |       |     |         |                                |
|            |           | RSFL       | TRI | DLP       | RSBFL      | 33.09           | 0.527 | 348 | 62.81   | <.001                          |
|            |           |            | OS3 |           |            |                 |       |     |         |                                |

Note. Comparisons are based on estimated marginal means