**Table.** Peritoneal Fluid Cytokine Concentrations Between Baseline and 24- and 48-hours by Treatment Group Among Patients with Abdominal Injury or Intra-abdominal Sepsis.

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| --- | --- | --- | --- | --- | --- |
| **Variable** | **Treatment Group** | **Baseline** | **24 h** | **48 h** | **p-value for 24 vs. 48 h Difference Between Groups\*** |
| IL-6 | ABThera™ | 24650.0 (4572.9-91560.0) | 92918.2 (44150.0-114861.5) | 34577.8 (13337.7-91032.3) | 0.12 |
| Barker’s vacuum pack | 19045.3 (1712.1-73168.9) | 81846.2 (25985.0-105847.1) | 47507.0 (12382.2-113004.0) |
| IL-1β | ABThera™ | 42.0 (6.7-445.8) | 201.6 (48.1-688.2) | 137.1 (17.4-900.0) | 0.68 |
| Barker’s vacuum pack | 36.8 (3.4-281.2) | 144.3 (44.5-1004.5) | 62.8 (4.4-1171.7) |
| IL-8 | ABThera™ | 5020.9 (432.8-31567.6) | 49293.9 (22587.8-66222.7) | 44989.1 (4080.2-73925.3) | 0.35 |
| Barker’s vacuum pack | 11024.9 (343.5-20760.6) | 26623.6 (11461.4-53264.8) | 19798.0 (6123.2-72375.7) |
| IL-10 | ABThera™ | 98.5 (43.5-694.8) | 151.9 (109.0-611.0) | 100.4 (71.8-242.5) | 0.06 |
| Barker’s vacuum pack | 171.1 (49.4-434.2) | 163.4 (94.7-223.9) | 119.1 (52.9-184.7) |
| IL-12 p70 | ABThera™ | 74.5 (50.9-93.0) | 168.8(140.5-248.3) | 126.9 (70.0-197.8) | 0.76 |
| Barker’s vacuum pack | 80.8 (36.8-156.6) | 168.6 (110.5-344.4) | 101.9 (67.1-302.3) |
| TNF-α | ABThera™ | 146.8 (54.0-389.5) | 242.2 (168.1-700.0) | 248.5 (78.5-1195.0) | 0.50 |
| Barker’s vacuum pack | 156.3 (31.6-269.5) | 338.5 (190.9-1763.2) | 261.4 (116.3-1801.0 |

Where IL-indicates interleukin and TNF, tumor necrosis factor.

Values in Table summarizing peritoneal fluid and plasma cytokine concentrations represent medians (pg/mL with associated interquartile ranges). Tests of hypotheses and p-values were estimated using mixed-effects regression models.

\*Test of hypothesis comparing whether peritoneal fluid or plasma cytokine concentrations are significantly different at 24 or 48 h versus baseline between patients randomized to the ABThera versus Barker’s vacuum pack.