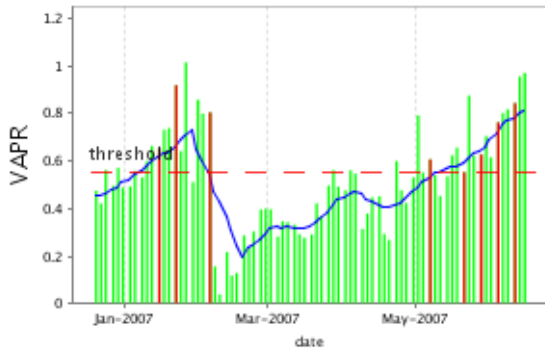
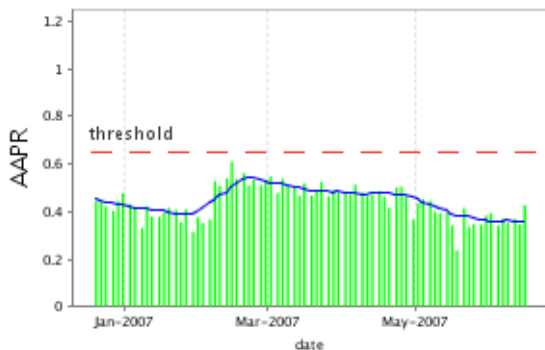




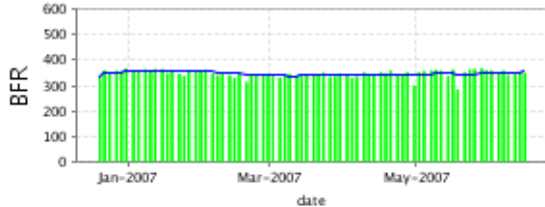
Venous Access Pressure Ratio



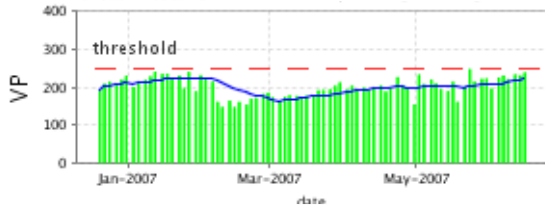
Arterial Access Performance Ratio



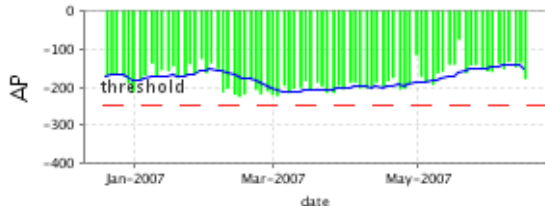
Blood Flow Rate



Venous Pressure



Arterial Pressure



Average Session Values

| date | VAPR | AAPR | BFR | VP | AP |
|----------|-------------------|-------|-----|-----|------|
| 06/15/07 | Fistula 15 | | | | |
| 06/15/07 | 0.970 | 0.427 | 348 | 238 | -178 |
| 06/13/07 | 0.956 | 0.345 | 349 | 231 | -137 |
| 06/11/07 | >> 0.844 << | 0.370 | 344 | 233 | -150 |
| 06/08/07 | 0.817 | 0.352 | 341 | 221 | -135 |
| 06/06/07 | 0.802 | 0.371 | 358 | 231 | -153 |
| 06/04/07 | >> 0.763 << | 0.341 | 351 | 225 | -138 |
| 06/01/07 | 0.616 | 0.392 | 357 | 196 | -160 |
| 05/30/07 | 0.705 | 0.384 | 360 | 222 | -159 |
| 05/28/07 | >> 0.628 << | 0.344 | 366 | 221 | -148 |
| 05/25/07 | 0.623 | 0.348 | 364 | 214 | -142 |
| 05/23/07 | 0.875 | 0.335 | 362 | 246 | -143 |
| 05/21/07 | >> 0.553 << | 0.415 | 351 | 200 | -164 |
| 05/18/07 | 0.656 | 0.237 | 284 | 161 | -76 |
| 05/16/07 | 0.624 | 0.341 | 361 | 214 | -141 |
| 05/14/07 | 0.536 | 0.394 | 336 | 189 | -141 |
| 05/11/07 | 0.453 | 0.392 | 357 | 194 | -160 |
| 05/09/07 | 0.539 | 0.400 | 361 | 210 | -163 |
| 05/07/07 | >> 0.607 << | 0.446 | 357 | 219 | -194 |
| 05/04/07 | 0.552 | 0.453 | 356 | 207 | -186 |
| 05/02/07 | 0.792 | 0.435 | 353 | 232 | -172 |
| 04/30/07 | 0.530 | 0.366 | 300 | 155 | -117 |
| 04/27/07 | 0.423 | 0.466 | 351 | 200 | -191 |
| 04/25/07 | 0.477 | 0.505 | 341 | 205 | -205 |
| 04/23/07 | 0.600 | 0.501 | 344 | 226 | -206 |
| 04/20/07 | 0.268 | 0.416 | 358 | 196 | -176 |
| 04/18/07 | 0.293 | 0.463 | 347 | 188 | -185 |
| 04/16/07 | 0.452 | 0.487 | 352 | 204 | -199 |
| 04/13/07 | 0.447 | 0.472 | 340 | 199 | -188 |
| 04/11/07 | 0.379 | 0.466 | 339 | 191 | -198 |
| 04/09/07 | 0.314 | 0.481 | 350 | 198 | -204 |

values over threshold >>alert<<

The threshold for VAPR values is 0.55 for fistula patients, and 0.55 for graft patients.
 The threshold for AAPR values is 0.65 for fistula patients, and 0.6 for graft patients.
 The threshold for VP values is 250.
 The threshold for Negative AP values is -250.

Graph Legend

| | | | |
|--|-------------------------------------|--|-----------|
| | average values for dialysis session | | alert |
| | moving average | | threshold |