

## NMR OPERATOR CHECK-OUT

### **Avance-600, Avance-500, Avance-400**

Review safety rules.

1. Log in.
2. Start-up.
3. Sample insertion.
4. Set initial parameters.
5. Tune probe.
6. Lock.
7. Shim.
8. Trial spectrum (usually one scan). Check linewidth.
9. Calibrate 90° pulse.
10. Select proper carrier position and sweepwidth.
11. Select all proper parameters for run (rep rate, etc.).
12. Check gain.
13. Collect data.
14. Data process, including apodization, phasing, window function, peak shift reference, etc.
15. Plot spectrum. Obtain peak shifts.
16. Leaving procedure.
17. Log out, user bill.