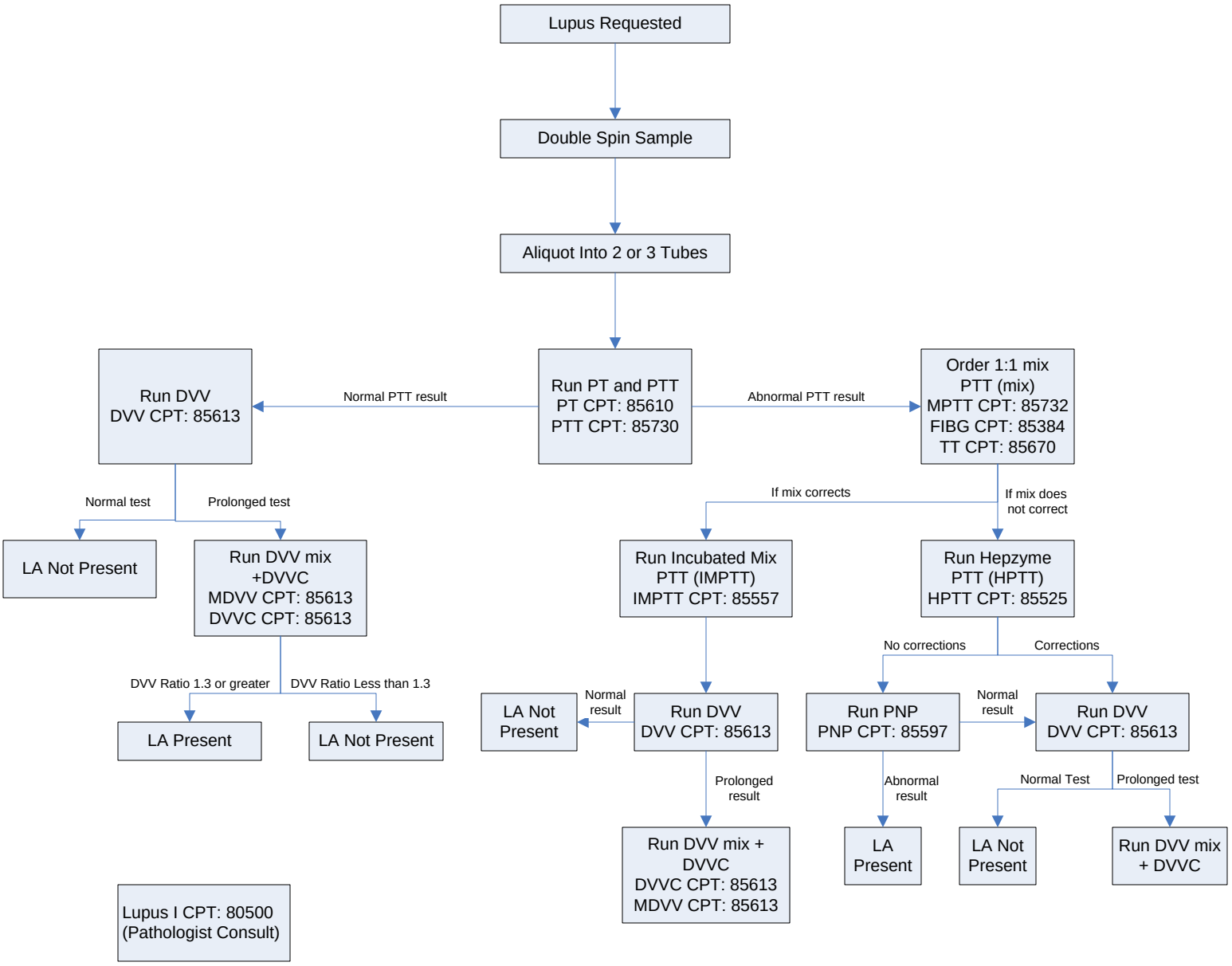Lupus Algorithm