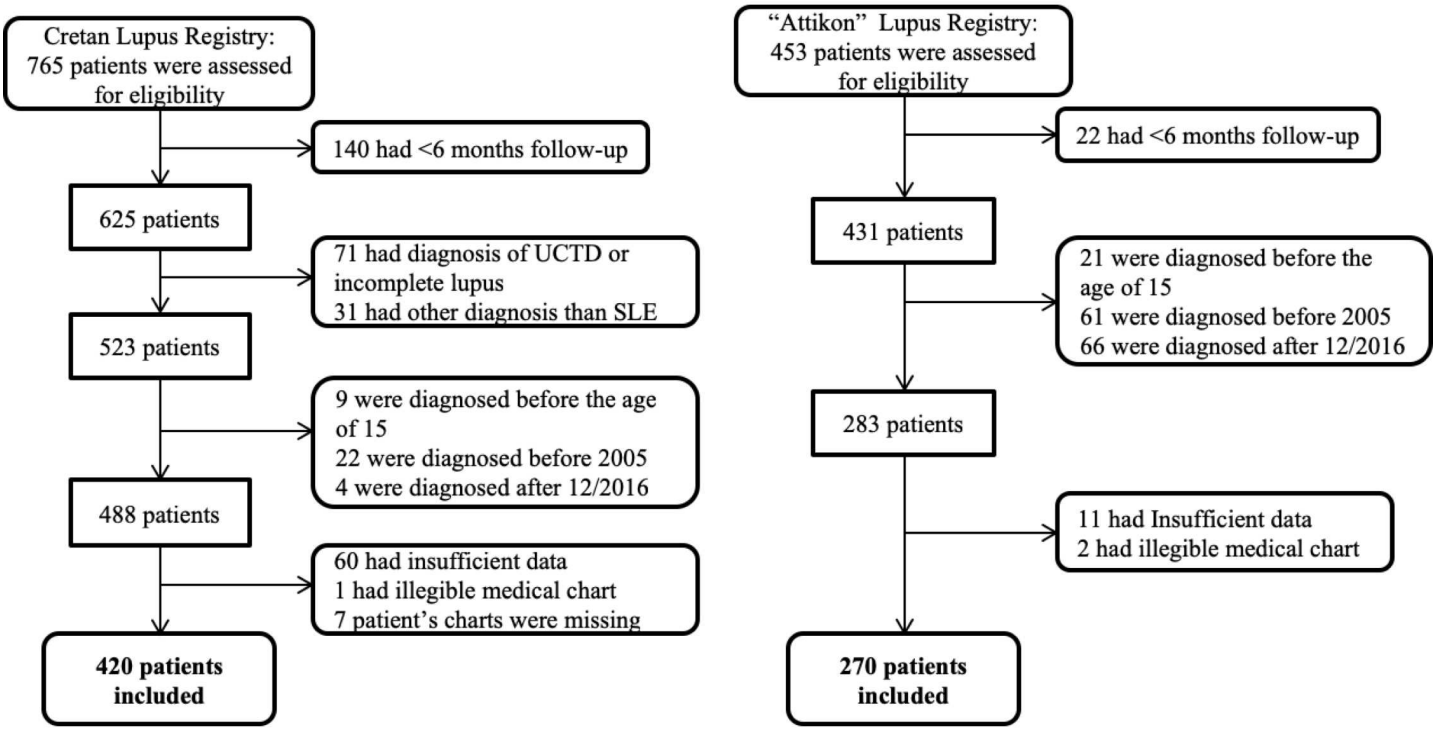SUPPL. FIGURE 1