

**Supplementary table 1**

Periportal ± bridging necrosis	Score	Intralobular degeneration and focal necrosis	Score	Portal inflammation	Score	Fibrosis	Score
None	0	None	0	No portal inflammation	0	No fibrosis	0
Mild piecemeal necrosis	1	Mild (acidophilic bodies, ballooning, degeneration and/or scattered foci of hepatocellular necrosis in <1/3 of lobules or nodules)	1	Mild (sprinkling of inflammatory cells in <1/3 of portal tracts)	1	Fibrous portal expansion	1
Moderate piecemeal necrosis (involves less than 50 percent of the circumference of most portal tracts)	3	Moderate (involvement of 1/3 to 2/3 of lobules or nodules)	3	Moderate (increased inflammatory cells in 1/3 to 2/3 of portal tracts)	3	Bridging fibrosis (portal-portal or portal-central linkage)	3
Marked piecemeal necrosis (involves more than 50 percent of the circumference of most portal tracts)	4	Marked (involvement of >2/3 lobules or nodules)	4	Marked (dense packing of inflammatory cells in >2/3 of portal tracts)	4	Cirrhosis	4
Moderate piecemeal necrosis plus bridging necrosis	5						
Marked piecemeal necrosis plus bridging necrosis	6						
Multilobular necrosis	10						

**Histological activity index (HAI) for chronic hepatitis.** The composite score is based on histologic assessment of periportal and/or bridging necrosis, intralobular degeneration and focal necrosis, portal inflammation, and fibrosis. A HAI (without the fibrosis component) of 1 – 3 indicates minimal hepatitis and is seen as histological remission in AIH. A score of 4 – 8 corresponds with mild hepatitis, 9 – 12 with moderate hepatitis, and 13 – 18 with severe hepatitis.