

Appendix F. Pathology and histopathology findings for 48 avalanche fatalities documented in five studies ^{34,38,43,50,53}.

Findings by organs (number of victims)	Lesions/injuries associated with asphyxia (n)	Lesions/injuries attributed to trauma (n)	Lesions/injuries attributed to cold or general hypothermia (n)
Brain (n=1)			
Ischemic damage to the cerebellum and neutrophilic edema	1		
Heart (n≥19^a)			
Interstitial edema	10		
Congestion	7		
Contraction band necrosis	6		
Marked interstitial edema with neutrophilic infiltration	1		
Increased proportion of white blood cells (some sections of the small vessels)	1		
Fatty degeneration (myocardial cells)			2
Lungs (n=48)			
Serosanguineous edema	26		
Focal intraalveolar hemorrhages	19		
Vascular congestion	15		
Intraalveolar edema	13		
Alveolar rupture	12		
Pulmonary congestion	12		
Acute emphysema	7		
Microscopic aspiration (gastric contents)	4		
Interstitial hemorrhages	3		
Mixed edema	2		
Hydroaeric edema	1		
Focal atelectasis	1		
Large platelet aggregates and accumulation of white blood cells (isolated pulmonary vessels)	1		
Stomach (n=1)			
Superficial gastric mucosal hemorrhages	1		
Pancreas (n=15)			
Absence of vacuoles			8
Few vacuoles			3
Liver (n≥27^a)			
Parenchymal congestion	24		
Hematic parenchymal dissociation		3	
Spleen (n=17)			
Vascular congestion	17		
Kidneys (n≥18^a)			
Congestion	17		
Hematic parenchymal suffusion with neutrophilic infiltration	1		
Tubular fatty degeneration			9

^a Refers to potentially overestimated cases; the exact number could not be determined because these findings were not reported case-by-case ⁵³.