

- 20 Newman JS, Adler RS, Rubin JM, et al. Muscle perfusion with exercise: evaluation with PD sonography. Radiology, 1994, 193 (P):337.
- 21 Breidat WH, Newman JS, Taljanovic MS, et al. Power doppler sonography in the as - assessment of musculoskeletal fluid collections. AJR, 1996, 166:1443-1446.
- 22 Luker GD, Siegel MJ. Scrotal US in pediatric patients: comparison of power and standard color doppler US. Radiology, 1996, 198:381-385.
- 23 Coley BD, Frush DP, Babcock DS, et al. Acute testicular torsion: comparison of unenhanced and contrast-enhanced power doppler US, color doppler US, and Radionuclide imaging. Radiology, 1996, 199:441-446.
- 24 Ritchie CJ, Edwards WS, Mack LA, et al. Three-dimensional ultrasonic angiography using power-mode doppler. Ultrasound Med Biol, 1996, 22(3):277-286.
- 25 Downey DB, Fenster A. Vascular imaging with a three-dimensional power doppler system. AJR, 1995, 165:665-668.

(1997-03-13 收稿)

外伤性肺囊肿及肺血肿 1 例

赵光富



图 1

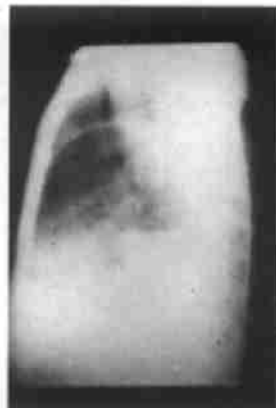


图 2

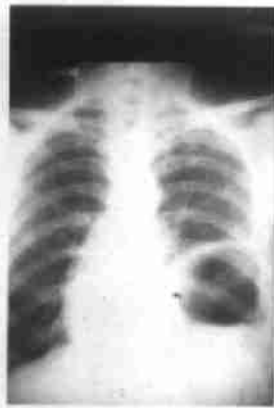


图 3

53 岁男性患者,胸腹部挤压伤后疼痛、流血、呼吸困难 6 小时入院。体检:T:37℃,P:84 次/分,R:26 次/分,BP:15/10kPa,胸廓挤压征阳性,左下肺叩诊实音,肺底可闻少许水泡音。实验室检查:RBC $3.5 \times 10^{12}/L$, WBC $17.2 \times 10^9/L$, N 0.9, Hb 100g/L。

X 线检查 左上肺无肺纹理,外带见一小液平面,左中下肺呈大片状密度增高影,其中见一较大薄壁囊腔,囊内有液平,囊壁下包绕一层呈月状透光区,左第五、六后肋断裂(图 1、2)。

诊断 1. 左第五、六后肋骨折。2. 左血气胸。3. 左肺挫伤。4. 左肺外伤性肺囊肿及肺血肿。

胸穿刺 于左锁骨中线第二肋间穿刺抽出气体 250ml,于腋后线第八肋间抽出淤血 300ml。

经治疗 2 周后摄片复查示:左中下肺见一薄壁空腔影,其内仍可见液平面(图 3)。

讨论 胸部外伤后常出现液气胸、肺挫伤及肺撕裂伤。肺挫伤由于肺裂伤,肺泡、血管或支气管的间质发生出血或水肿,在 X 线上肺泡出血可呈边缘模糊的片状阴影,气管及血管周围的间质出血可呈线状阴影。外伤性肺囊肿及肺血肿在 X 线上多呈薄壁囊腔,常有液平面和周围肺组织实变,囊内充满血液时为血肿,在 X 线上表现为球形阴影。本病例有肋骨及胸膜损伤、肺挫伤及撕裂伤,血肿吸收消散较快,血肿周围出现星月形空气阴影,比较少见。另外,经食道吞钡等检查排除了外伤性膈疝。

(1997-03-11 收稿)