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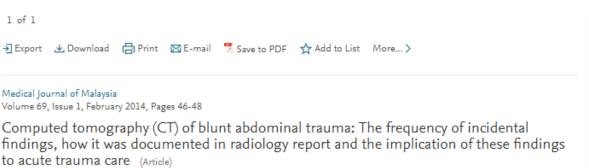
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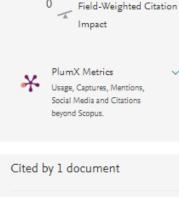


Hassan, R.ª ☑, Che Mohamed, S.K.ª, Nazli Kamarulzaman, M.b, Abdul Aziz, A.ª 🙎

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The wide use of computed tomography (CT) scanning for patients with blunt abdominal trauma can reveal incidental findings that vary in their importance. We evaluated these findings, how it was reported by radiologists and its implication on the trauma care. In 30 out of 154 patients, 32 incidental findings were discovered (19.5%). Out of these 32 findings, only 3 cases (9.4%) were considered significant and required immediate attention from the managing team. In all these 3 cases, the findings were described in the body of the report and highlighted in the conclusion section at the end of the radiology report. However, similar reporting style was used in only 58.4% of cases with moderate clinical concern and 23.5% of cases with little clinical concern. In 41.2% of cases with little concern, the incidental findings were not mentioned in the radiology report. In conclusion, incidental findings in CT scan performed for blunt abdominal trauma were common but many were clinically insignificant. There is little consistency in radiology reporting of these findings especially those with moderate and little clinical concern.

Author keywords Blunt abdominal trauma Computed tomography Incidental findings Radiology report Trauma



1 69 Citation in Scopus

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Abstract

EMTREE drug terms: iohexol

EMTREE medical terms:

abdominal blunt trauma adolescent adult aged aorta aneurysm article breast lesion child cholelithiasis clinical article computer assisted tomography female human hydronephrosis incidental finding inguinal hernia kidney cyst kidney injury liver hemangioma

very elderly

male nephrolithiasis ovary cyst (traumatic diaphragmatic hernia) ureteropelvic junction obstruction

Chemicals and CAS Registry Numbers:

iohexol, 66108-95-0

Device tradename:

Somatom, Siemens, Germany

Manufacturers:

Device manufacturer:

Siemens, Germany

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