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Pośmiertne badanie obrazowe TK w przypadku domniemanego utonięcia – opis przypadku

Postmortem CT examination in a case of alleged drowning – a case report

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Autorzy przedstawiają analizę wyników pośmiertnego badania obrazowego TK w przypadku utonięcia młodej osoby w rzece. Obraz radiologiczny porównywany jest do wyników konwencjonalnej sądowo-lekarskiej sekcji zwłok. Analizę ilustrują rekonstrukcje 2D i przestrzenne na podstawie plików DICOM z akwizycji TK.

The authors present an analysis of postmortem CT examination in a case of drowning in fresh water of a young male. Both the results of conventional forensic autopsy and radiologic examination have been compared. The analysis is illustrated by two-dimensional and three-dimensional reconstructions based on the DICOM files obtained during postmortem CT examination.

Słowa kluczowe: pośmiertne badanie TK, utonięcie, sądowo-lekarska sekcja zwłok

Key words: postmortem CT examination, drowning, forensic autopsy

WSTĘP

Diagnostyka przyczyny zgonu z powodu utonięcia nie stanowi dla medyków sądowych

łatwego zadania [1, 2, 3]. W konwencjonalnym („klasycznym”) badaniu pośmiertnym wniosek taki przyjmuje się bowiem przede wszystkim poprzez wykluczenie innej przyczyny zgonu, a ani obraz makroskopowy, ani mikroskopowy płuc nie przesądza rozpoznania, chociaż w tym zakresie ciągle prowadzone są badania [4, 5, 6, 7, 8, 9, 10]. Przedstawiane są także rozmaite pośmiertne badania biochemiczne, których wyniki mają dowodzić zgonu wskutek utonięcia [11, 12, 13, 14, 15, 16, 17, 18, 19]. W piśmiennictwie postulowane jest poszukiwanie obecności mikroorganizmów [20, 21, 22, 23, 24, 25, 26]. Wprowadzone z początkiem bieżącego stulecia do praktyki sądowo-lekarskiej pośmiertne badania obrazowe TK również dają szansę wykazania zmian, które można byłoby odnieść do mechanizmu zgonu w wyniku utonięcia.

MATERIAŁ I METODY

Pośmiertnemu badaniu tomografii komputerowej (TK) poddano zwłoki młodego mężczyzny, który wg zeznań – miał wskoczyć do rzeki Wisły i już z niej nie wypłynął, został wyłowiony bez oznak życia – wezwany zespół pogotowia ra-

Postmortem Report For Drowning

Chao Zhang



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