ISOLATION OF *Clostridium botulinum* FROM LIMBERNECK-DUCKS

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Summary

From october 2018 to april 2019, 200 samples (100 intestine samples and 100 liver samples) wewe collected from limberneck ducks in some district of An Giang, Hau Giang and Kien Giang provine. All samples were cultured on Cooked –Meat-medium, blood agar and PCR test by Miia Lindstrom and Hannu Korkeala (2006) and Amit-Romach *et al*., (2004) to identify *Clostridium botulinum*. The result showed that, 10% (20/200) samples were possitive with *Clostridium botulinum*. By PCR method, *Clostridium botulinum* type C, type D and type E was 1.5%; 4.0%; 5.0%, respectively. The result showed that *Clostridium botulinum* type C, D, E was main causes of limberneck duck in An Giang, Hau Giang and Kien Giang provine. *The result of antibiotic sensitivity test of 20 Clostridium botulinum isolates against 5 antibiotics including doxycycline, norfloxacin, marbofloxacin, florfenicol and fosfomycine showed that all isolates of these bacterial isolates were fully sensitive (100%) to tested antibiotics.*

Keywords: *Botulin, Clostridium botulinum, duck, limberneck.*