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Research of the yeasts Candida non - albicans on various medical devices in the service of resuscitation of the Teaching hospital of Tlemcen- Algeria

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Abstract

Background and aim: The fungic infections, more particularly the Candidiasis, are frequent in the intensive care units. This had a relation with the heaviness of the pathologies, presented by the patients and the quasi-systematic recourse to various medical devices. In addition, we observe more and more the emergence of numerous species of *Candida* non- *albicans* in these hospital structures. That's why we undertook this study which concerns the evaluation of the incidence of the sepathogenic on medical devices implanted during 48hours and more on patients hospitalized in the resuscitation service of CHU of Tlemcen.

Methods: After isolation of yeast son selective mediums, the strains obtained were identified by using chromogenicmediums (CHROMagar®Candida) and the Api identification Candidagalleries (BioMérieux®).

Results: The results showed that among100 samples are taken, 15% been altered by yeasts of *Candida* non-*albicans.*

Conclusion: It appears from this study that the fungal infections on medical devices are widely present in hospitals especially in the intensive care unit. The presence of *Candida* non- *albicans* yeasts is not negligible; they are 15% on the level of the various medical devices implanted.

Keyword: Reanimation, medical device, fungic infection, *Candida* non-*albicans*.

1. Declaration of conflicts

This article was selected from ICHSMT'17 abstracts book.

2. Authors' biography

No Biography

3. REFERENCES

No references