



Let's Go Walk In The Woods

Jules Fleuriet
CHU Lille, Infectious disease

Introduction

Mr D.

60 years-old

CEO (informatic), married, 3 childrens

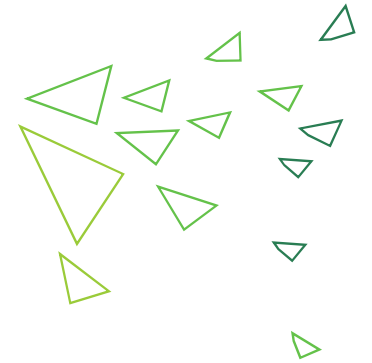
Live in Lille (France)

Medical background : Cured hepatitis B

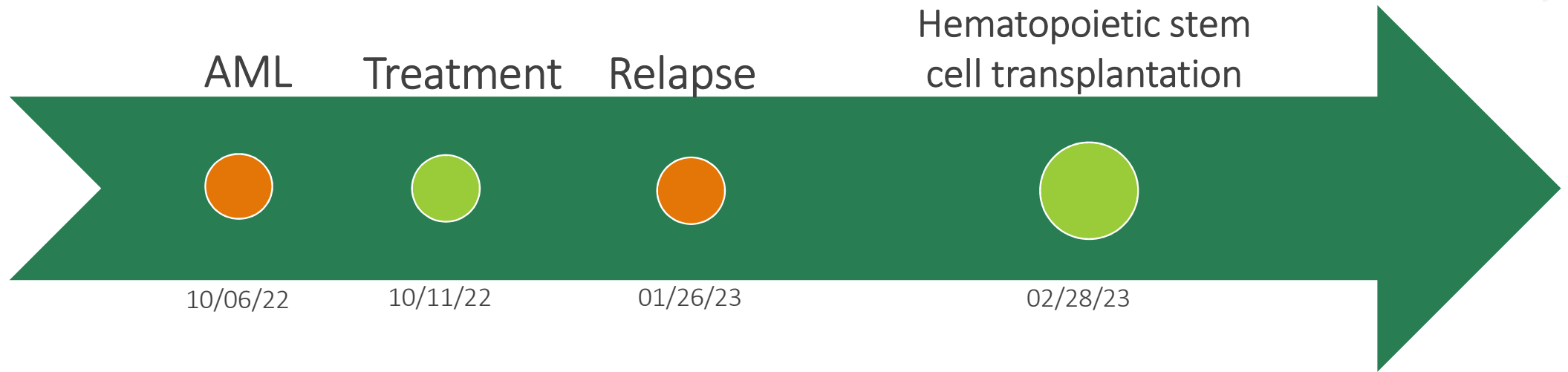
❖ Asthenia in September 2022

Gb : $2.72 \cdot 10^9/l$ Hb : 4.4g/dl Pla_q : $36 \cdot 10^9/l$ PNN : 7%
Lympho : 58% Blast_{es} : 34%

Acute Myeloid Leukemia



Case Report

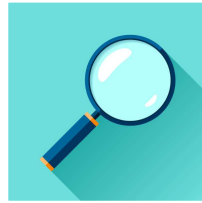


Case Report



03/02

- Febrile neutropenia



- Undocumented

03/07

- Septic shock

- Enterobacter cloacae NDM (blood culture)



- Tazocilline
Amiklin
Daptomycine
- Ceftazidime-
Avibactam +
Aztreonam



ICU (03/07 → 03/14)

Case Report

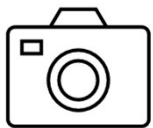
03/20



- Symptoms : None



- No acute kidney injury
- Liver function : no abnormality
- Urine culture : sterile
- Blood cultures : sterile
- Galactomannan : negative



- CAP-CT : negative

- Neutrophils : 0,5 G/L
- CRP : 80 mg/l
- BD 1,3 Glucans : 112 pg/ml



Case Report

03/20



Souche à identifier HEMOCULTURE AEROBIE PERIPHERIQUE
Trichosporon asahii



VORICONAZOLE



Amphotéricine B	4 mg/L
5 fluorocytosine	≥64 mg/L
Fluconazole	1 mg/L
Itraconazole	– mg/L
Voriconazole	0,03 mg/L
Posaconazole	≤0.016 mg/L
Isavuconazole	2 mg/L
Caspofungine	≥4 mg/L
Micafungine	≥4 mg/L

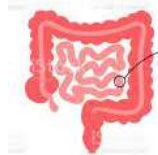
Trichosporon asahii



Worldwide
Soil, decomposing wood, water
Bird droppings, bats



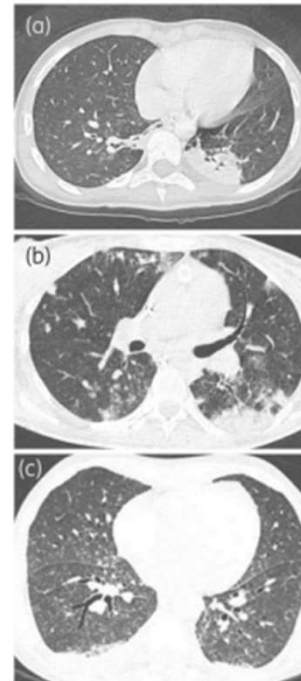
Microbiota of human skin, gastrointestinal
and respiratory tract



Isolated fungemia vs Disseminated

Table 3. Multivariate logistic regression analysis of risk of 30 day mortality in 73^a patients with *Trichosporon* fungaemia

Variables	OR	95% CI	P value
Age	1.036	1.010–1.063	0.006
CVC removal	0.241	0.070–0.831	0.024
Mechanical ventilation	8.250	2.291–29.714	0.001
Persistent neutropenia	9.299	1.965–44.012	0.004



Trichosporon asahii

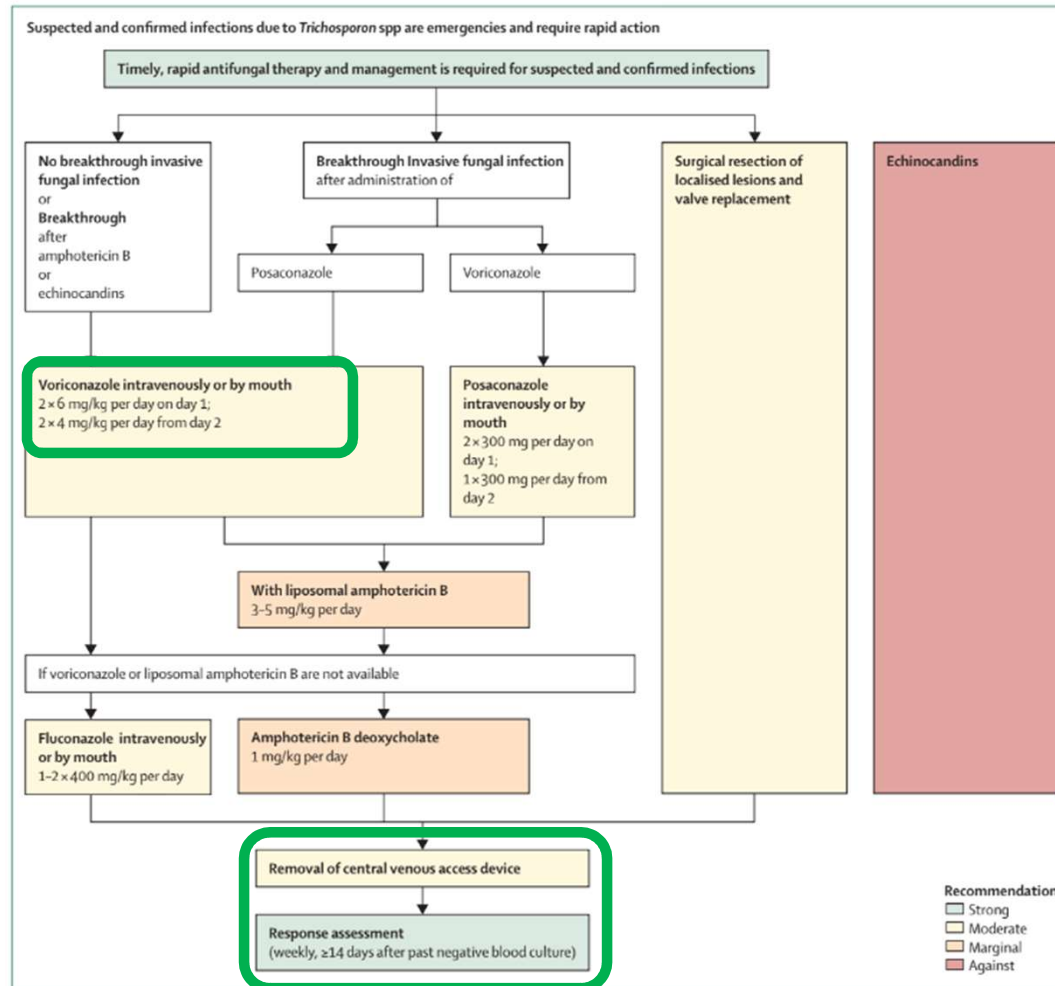



Figure 5: Evidence-based treatment pathway for antifungal therapy and management of patients with systemic trichosporonosis



Thank you for your
attention

