CANDIDIA Antibody

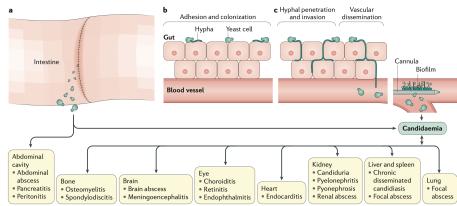


### Candidemia and invasive candidiasis

*Candida sp.* is the most common fungal pathogen in intensive care unit (ICU), solid organ transplantation and bone marrow transplant (BMT) patients (Pfaller et al. 2006). In ICU patients, colonization occurs in up to 80% and invasive candidiasis represents 15% of all ICU-acquired infection (Eggimann et al. 2011, Eggimann et al. 2014, Quindos et al. 2014) On average, candidemia occurs after 14 to 22 days of hospitalization (Eggimann et al. 2014). In a large international prevalence survey in ICU, infections due to Candida represent 17% of all ICU-acquired infections (Vincent et al. 2009).

The major concerns with invasive candidiasis is the high mortality rate, the extension of hospital stay (3-30 days) and cost (Pfaller et al. 2006, Calandra et al. 2016, Pappas et al. 2018).

The overall mortality attributable to candidemia is ranged from 10-47%. (Eggimann et al. 2011; Pappas et al. 2018)

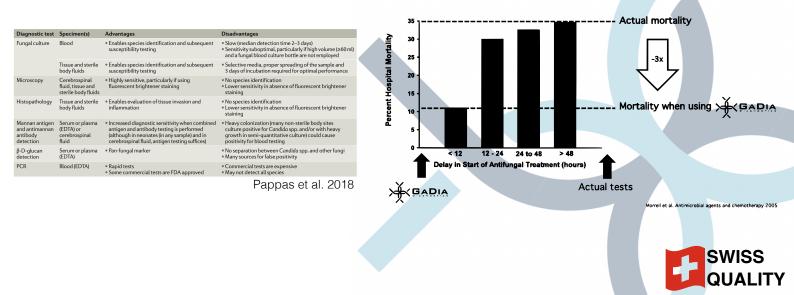


The attributable cost of candidemia is reported to be around US\$ 40'000 per patient and an estimate of \$ 1 billion per year in US (Pappas et al. 2018).

# **Diagnostic procedures**

Actual diagnostic preocedures are time-consuming, require highly skilled staff and equiped laboratory. Moreover, these procedures are expensive.

#### Rapid tests are crucial to reduce the delay of treatment and reduce the mortality!









### CandiDia Rapid test kit

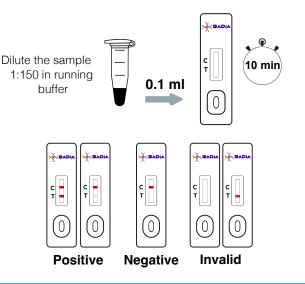
The First Rapid Diagnostic test detecting Candidemia and Invasive Candidiasis



CandiDia is a rapid immunochromatographic test detecting IgG antibodies specific to a patented combination of biomarkers in blood, plasma/serum or Bronchoalveolar Lavage (BAL) of suspected patients affected by Invasive Candidiasis or Candidemia.

Early diagnostic is crucial to start quickly the right treatment and save lives

# **Test procedure**



# **Diagnostic Performance**

Sorum Somploo		Candida IgG ELISA	
bampies	Positive	Negative	
Positive	30	10	
Negative	2	48	
93,8%	(Cl95%: 77.8%-98.9%)		
82,8%	(Cl95%: 70.1%-91.0%)		
75,0%	(CI95%: 58.5%-86.8%)		
96,0%	(Cl95%: 85	.1%-99.3%)	
	Negative   93,8%   82,8%   75,0%	Positive Positive   Positive 30   Negative 2   93,8% (Cl95%: 77   82,8% (Cl95%: 70   75,0% (Cl95%: 58	

BAL	Candida culture		
CandiDia Rapid test		Positive	Negative
	Positive	9	2
	Negative	0	12
Sensitivity	100%	(IC95%: 63-100%)	
Specificity	86%	(IC95%: 56-98%)	
PPV	82%	(IC95%: 48-97%)	
NPV	100%	(IC95%: 70-100%)	

# **Order Information**

#### CandiDia Rapid Test Kit

Catalog Number: CAN-020 -- 20 tests/kit

**Content:** 20 test devices in aluminum bag, 20 disposable pipettes, 1 bottle of running buffer, 1 Instruction for Use, 1 Quick Reference Guide

# CONTACT: info@gadia.net

Product not available in all countries. Not available for sales in United States

www.gadia.net

GaDia SA is ISO13485:2016 certified

