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Welcome to th	e FungiScope o	nline questionna	aire. Please ch	oose your pro	eferred language.
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Bienvenido al	cuestionario on	line de FungiSco	pe. Elija su id	ioma	
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<ul><li>English</li></ul>	<ul><li>Français</li></ul>	<ul><li>Castellano</li></ul>	○ Italiano	○ 官話	
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### **General Setup**

You are documenting the following patient: ID:#u name#

In the following questionnaire, you must often refer to the Day of Diagnosis of the invasive fungal infection (IFI).

#### 1. Please define the Day of Diagnosis = Day Zero

The Day of Diagnosis is considered the day that the first positive microbiological (e.g. culture or PCR) or histological test result or a positive galactomannan antigen test result in case of aspergillosis was provided to the treating physician and after that **antifungal therapy was changed from empirical to targeted/tailored therapy**. Not the day, the samples were taken.

E.g. unspecified hyphae seen in a smear from a BAL sample taken on May 1 under the microscope **do not qualify here**. If the culture from that BAL sample reveals *Mucor* on May 6 and the lab informed the physician the same day, May 6 would be the Day Zero. ("unspecific hyphae" would be day -6, "culture Mucor" day 0)

In the case of post mortem diagnosis, the day of death is considered to be the day of diagnosis.

#### **Inclusion and exclusion criteria**

In case of any uncertainty whether a specific patient can be included, please contact Dr. Danila Seidel.

Cultural, histological, microscopical or DNA evidence of IFI or positive galactomannan for aspergillosis.	○ Yes	○ No
<b>Endemic mycoses</b> , e.g. coccidioidomycosis or histoplasmosis, <b>only</b> .	○ Yes	○ No
<b>Colonisation</b> without proof of invasive infection (e.g. superficial skin infection).	○ Yes	○ No

What was the causative pathogen? multiple answers possible	
Rare fungus (Mucorales, <i>Fusarium</i> spp., <i>Scedosporium</i> , <i>Trichosporon</i> , <i>Aspergillus</i> spp.	)
☐ Aspergillus with ≥3 follow up galactomannan from day of diagnosis	
Pneumocystis jiroveci / pneumonia (PJP)	
Principle Investigators name: Surname, First name (no titles)	
Institution from where this case is being documented nstitute, Department, City	
Country from which this case is documented Country name in English	
please select	<b>~</b>
Please classify your institution according to the level of care	you provide.
<ul><li>Primary care (e.g. general practitioner)</li></ul>	
<ul><li>Secondary care (e.g. medical specialist)</li></ul>	
<ul><li>Tertiary care (e.g. University Hospital, Reference Center)</li><li>Outpatient clinic</li></ul>	
Other. Please specify:	
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or ricip product <u>contract us</u> .	Back Continue



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### Details on the fungus / fungi causing the IFI

Name of rare fungus causing the IFI (Other than Aspergillus) if applicable
Aspergillus species causing the IFI if applicable
Aspergillosis diagnosed via <b>galactomannan</b> antigen
☐ A. fumigatus
☐ A. flavus
☐ A. terreus
☐ A. niger
☐ A. fischeri
☐ A. nidulans
☐ A. oryzae
☐ A. tanneri
☐ A. ustus
☐ Aspergillus other:
Were other causative fungal pathogens identified?
○ No
○ Yes. Please specify:

please select	
Documentation of this case in any other registries?	
Yes. Please specify:	(e.g. CLARITY, FIND, MSG-06 Phaeohyphomycosis Registry, TriReg)
Case already published?	
○ No	
Yes. Please specify (digital object identifier - DOI):	
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### **Patient Setup**

Sex     Female
Female Male  Weight
Weight
kg
Year of infection
please select 🗸
picase select
<b>Ethnic origin</b> If the ethnic origin is unclear, please select <i>Unknown</i> .
please select

$\bigcirc$	7 - 11 years
$\bigcirc$	12 - 16 years
Ac	lult:
$\bigcirc$	17 - 29 years
$\bigcirc$	30 - 49 years
$\bigcirc$	50 - 69 years
$\bigcirc$	70 - 89 years

→ ≥ 90 years

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### **Risk Factors**

Which risk factors were present?
Immunosuppression
☐ Hematological/Oncological disease
☐ HIV/AIDS
☐ Solid organ transplantation
Other disorder requiring or causing immunosuppression
Trauma/Intervention
Burn
☐ Major surgery (not including surgery as antifungal therapy)
☐ Trauma
Chronic disease/Behavioral factor
Alcoholism
Chronic cardiovascular disease
Chronic liver disease
Chronic pulmonary disease
Chronic renal disease
☐ Diabetes mellitus
☐ IV drug abuse
☐ Rheumatic diseases/Autoimmune disorder
Other
☐ Obesity (BMI >30) or Underweight (BMI <18.5), please indicate BMI: ◎
Premasuse birth v4.0, 21. June 2022

☐ Treatment in ICU		
Prosthetic devices (e.g. CVC, Arte	ial line, Urinary catheter, ECMO, heart valve)	
☐ Viral pneumonia (within 90 days prior	to diagnosis of the IFI). Causative agent:	
COVID-19 infection		
Other infectious diseases within 6	months prior to diagnosis of IFD. Causative agent:	
Other risk factors (e.g. Building consi	uction, smoking)	
☐ No risk factor identified		
Duration of the inpatient stay		
days overall		
Reason for hospitalisation		
Fime between admission and diag	osis of IFI	
days		
, , , , , , , , , , , , , , , , , , ,		
How many days was the patient or	the following wards:	
Normal ward	days	
ntermediate care	days	
intensive care unit	days	
Bone marrow and blood stem cell	days	
ransplant unit	days	
For help please <u>contact us</u> .	Back Continue	
	Dack Continue	
CMV status prior to diagnosis of IFI		
Positive		
Negative  Unknown		
O STREET		



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### Hematological/Oncological disorder

You stated the patient was diagnosed with a hematological/oncological disorder prior to diagnosis of IFI. Please provide further details on the condition of the patient.

Type of disease	
Details on the diagnosis	
State of underlying disease at diagnosis of IFI  De novo (First line) First relapse Second or later relapse Unknown	

How many months prior to diagnosis of the IFI was the above reported diagnosis made?

0 if same month

month(s)
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Type of treatment		
Chemotherapy		
Radiotherapy		
Hematopoietic Stem Cell Transplantation (HSCT) - Allogeneic		
Hematopoietic Stem Cell Transplantation (HSCT) - Autologous		
Surgery		
Was the patient neutropenic within 30 days prior to diagnosis of IFI? Neutropenia: Absolute neutrophil count < 500 per µl		
○ Yes ○ No ○ Unknown		
For additional information on the underlying condition		
For help please contact us.		
• • ———	Back	Continue



id the patient dev	elop mucositis	during treatment of	of the underlying dis	sease within 30 o	days prior to diagnosis of the
ral/Esophageal	<b>I</b>	<b>11</b>	<b>III</b>	IV	Unknown Grade
astrointestinal	0	0	0	0	O
aginal					0
asal	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$



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### **Allogeneic HSCT**

You stated the patient received an allogeneic stem cell transplantation. Please provide further details.

Allogeneic HSCT - Type of Peripheral stem cells Bone marrow Cord blood	of transplant
Other. Please specify:	
○ Unknown	
Time span between allog days	geneic HSCT and diagnosis of IFI
Was this a myeloablative	e transplantation?
○ Yes	
○ No	
○ Unknown	
HLA matching	
Un-/rela Please select:	ted Mismatches  V

#### **CMV** status

Donor	$\bigcirc$	$\bigcirc$	$\bigcirc$					
Recipient	$\bigcirc$	$\bigcirc$	$\bigcirc$					
Did the netic	ant daval	on CvUD	ithin 00 day	a nuiou to dinama	osic of IEI2			
-	ent deve	ор супр м	/itnin <u>90 da</u> y	<u>s prior</u> to diagno	ISIS OF IFI?			
○ Yes								
○ No								
Unknown	1							
Tf tha nati	ont do	rolonod (	SvUD plan	so provido fu	rther details b	olow		
ii tile pati	ent dev	reiopea (	SVIID pied	se provide rui	itilei detalis b	eiow.		
Type of GvHI	D							
Acute								
Chronic								
Unknown	1							
Onknown								
Considering according to Inte	the last sernational Bo	<b>90 day<u>s pr</u>i</b> one Marrow Tr	ior to diagno ansplant Registry	y (IBMTR) Severity Ind	dex		ID recorded in this patient?  Present, but	
_	0		I	II	III	IV	degree unknown	
Eyes	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
Intestinal	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$	
Liver	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
Lung	$\bigcirc$		$\bigcirc$	$\bigcirc$			$\bigcirc$	
Skin	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
Other	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$	
Duration of (	GvHD bef	ore diagno	osis of IFI					
days		-						
uuy.	-							
Please elabo	orate if co	onsidered r	necessary for	r a better unders	standing of the cli	inical course.		
Please elabo	orate if co	onsidered r	necessary foi	r a better unders	tanding of the cli	inical course.		
Please elabo	orate if co	onsidered r	necessary foi	r a better unders	tanding of the cli	inical course.		
Please elabo	orate if co	onsidered r	necessary foi	r a better unders	tanding of the cli	inical course.		



### **Autologous HSCT**

You stated the patient received an autologous stem cell transplantation. Please provide further details.

Tou stated the patient received an autologous stem cen	transplantation rieuse provide rartier details
Type of transplant	
O Peripheral stem cells	
O Bone marrow	
Other. Please specify:	
○ Unknown	
Time span between autologous HSCT and diagnosi	s of IFI
days	
For help please contact us.	
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Solid Organ Transplantation
You stated the patient received a solid organ transplantation (SOT). Please provide further details.
What was the underlying condition for which the patient received SOT?
Organ(s) transplanted
☐ Heart
Intestine
☐ Kidney
Liver
Lung
Pancreas
Other. Please specify:
Time span between SOT and diagnosis of IFI
days
Did the patient experience rejection of the transplant within 90 days prior to diagnosis of IFI?
○ Yes
○ No
Unknown FungiScope CRF v4.0, 21, June 2022



FungiScope CRF v4.0, 21. June 2022

### **HIV/AIDS**

You stated the patient was diagnosed with HIV/AIDS prior to diagnosis of IFI. Please provide further details
Most recent CD4-cell count p <u>rior</u> to diagnosis of IFI
CD4 cell count in cells/μl:
○ Not done
Most recent viral load p <u>rior</u> to diagnosis of IFI
○ Viral load in copies/ml:
Below level of detection
Unknown
Was the patient receiving Antiretroviral therapy (ART) p <u>rior</u> to diagnosis of IFI?
○ Yes. Duration:
○ No
Unknown
Could you provide the name of the antiretroviral drugs administered to the patient $p_{rior}$ to IFI?
For help please contact us.  Back   Continue



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### **Burn**

You stated the patient suffered burn injuries prior to diagnosis of IFD. Please provide further details.

Extent of burn	
% of total body surface	
Consultant of house	
Severity of burn	
First degree burn	
Second degree burn	
<ul> <li>Third to fourth degree burn</li> </ul>	
Unknown	
Involved areas of body	
Arm	
Back	
Chest	
Head	
Leg	
Perianal/Genital	
Other. Please specify:	
Unknown	

How many days p <u>rior</u> to diagnosis of IFI did the burn occur?	
days	
For help please <u>contact us</u> .	Back Continue



Major surgery
You stated the patient underwent major surgery prior to diagnosis of IFI. Please provide further detail
Site(s) involved in surgery
☐ Abdomen/Pelvis
☐ Cervical (Neck)
Extremities (Lower)
Extremities (Upper)
Head
Spine
Thorax
How many days p <u>rior</u> to diagnosis of IFI was the surgery performed?
days
Further information on procedures performed
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### **Trauma**

You stated the patient was diagnosed with trauma prior to diagnosis of IFI. Please provide further details.

Which body parts were involved in the trauma? Please indicate if the trauma was blunt or penetrating.

	blunt	penetrating	Not involved
Abdomen/ Pelvis		$\bigcirc$	$\bigcirc$
Back		$\bigcirc$	
Cervical (Neck)	$\bigcirc$	$\bigcirc$	$\bigcirc$
Extremities (Lower)		$\bigcirc$	
Extremities (Upper)	$\bigcirc$	$\bigcirc$	$\bigcirc$
Head		$\bigcirc$	
Spine		$\bigcirc$	$\bigcirc$
Thorax		$\bigcirc$	$\bigcirc$

Time span between trauma and	l diagnosis of IFI (	(max. 90 days)	)
------------------------------	----------------------	----------------	---

days

Did the patient undergo trauma-related surgery?

- Yes
- $\bigcirc$  No
- Unknown

/
/
//

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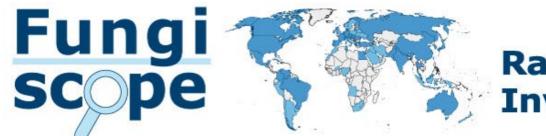


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### **Chronic liver disease**

You stated the patient suffered from chronic liver disease prior to diagnosis of IFI. Please provide further details on the disease at the time of diagnosis of IFI

Name of the disease	
<b>Duration prior to diagnosis of IFI</b> month(s)	
Severity according to Child-Pugh Classification  Child A  Child B  Child C	
○ Unknown  Severity according to Model for End-Stage Live  ○ MELD score:	er Disease (MELD) score ( <u>Calculator</u> )
<ul><li>Unknown</li><li>For help please <u>contact us</u>.</li></ul>	Back Continue



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### **Chronic renal disease**

You stated the patient suffered from chronic renal disease prior to diagnosis of IFI. Please provide further details on the disease at the time of diagnosis of IFI.

Name of the disease
Duration prior to diagnosis of IFI
month(s)
Current stage
$\bigcirc$ Stage I (GFR ≥ 90, albuminuria/proteinuria)
Stage II (GFR 60-89)
Stage III (GFR 30-59)
Stage IV (GFR 15-29)
Stage V (GFR < 15 or dialysis)
Unknown
Did the patient undergo dialysis?
<ul><li>Hemodialysis</li></ul>
O Peritoneal dialysis
O No dialysis
Unknown

If patient was on dialysis was deferoxamine used?	
○ Yes	
○ No	
○ Unknown	
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### **Chronic pulmonary disease**

You stated the patient suffered from chronic pulmonary disease. Please provide further details.

Tou stated the patient suffered from chronic pulmonary disease. Flease pro	vide fultifier deta	115.
Type of chronic pulmonary disease		
☐ Asthma		
COPD		
☐ Cystic fibrosis		
☐ Fibrosis		
Other. Please specify:		
Duration prior to diagnosis of IFI		
month(s)		
For help please <u>contact us</u> .	Back Continu	ue



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G0 t0.	Choose rage	

Diabetes mellitus
You stated the patient suffered from Diabetes mellitus. Please provide further details.
Duration prior to diagnosis of IFI month(s)
Insulin dependent at time of diagnosis of the IFI?
○ Yes
○ No
○ Unknown
End-organ damage present?
□ No
<ul> <li>Coronary artery disease</li> </ul>
☐ Diabetic foot ulcers
Nephropathy
Polyneuropathy
Retinopathy
☐ Stroke
Other Please provide details:

#### Most recent HbA1c prior to diagnosis of IFI

%  Did the patient suffer from ketoacido	sis within <u>30 days prior</u> to diagnosis of IFI?
Yes	sis within <u>55 days prior</u> to diagnosis of 111.
○ No	
○ Unknown	
For any additional information about	the DM:
For help please <u>contact us</u> .	Back Continue



### Rheumatic/Autoimmune disease

You stated the patient was diagnosed with a rheumatic/autoimmune disease prior to diagnosis of IFI. Please provide further details.

Type of disease	
Time span between onset of rheumatic/au month(s)	toimmune disorder and diagnosis of IFI
State of disease prior to diagnosis of the II  Acute attack Chronic active Remission Not applicable	-I
<ul><li>Unknown</li><li>For help please <u>contact us</u>.</li></ul>	Back Continue

Premature birth
You stated premature birth as a host factor. Please provide further details.
Gestational age at birth weeks
Birth weight grams
For help please contact us.  Back Continue



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Other i	risk facto	r(s)				
You stated	the patient had	another risk factor	r. Please provid	de further de	tails.	
Time spar	n prior to diag	nosis of IFI				
n	nonth(s)					
e.g. exposure	e, diagnosis and cli	nical management				
	patient neutro eutrophil count	p <b>enic w<u>ithin 30 d</u> &lt;</b> 500 per µl	ay <u>s prior</u> to (	diagnosis of	IFI?	
○ Yes	○ No	Unknown				
For help plo	ease <u>contact us</u>				Back Continue	<u>:</u>

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Prior Infectious Diseases
The patient had another infectious disease in the recent past. Please provide further details.
If several infections were diagnosed prior to the current IFI, to which are you referring to? (most clinically relevant with regard to the current fungal infection, if applicable. Additional information can be provided below.)  — Fungal infection
☐ Bacterial infection
☐ Viral infection
When was the diagnosis of the previous disease made?
day(s) before diagnosis of the current IFI
Which organs were affected then?
☐ Biliary system
☐ Blood (positive blood cultures)
Bone
☐ Bowel
☐ Brain/Central nervous system
Eye
Heart
Joint
Kidneys
Liver Lung
Paranasal sinuses
Peritoneum
Foreign body (e.g. intravascular catheters, prosthetic material):
Skin
☐ Deep soft tissue
☐ Spleen
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□ Vessels	
Other:	
☐ Catheter-related bloodstream infection (CRBSI)	
☐ <b>Disseminated</b> (positive blood culture and/or at least two non-adjacent organs affected)	
Was treatment of the previous disease completed before the current IFI?	
Yes, treatment was completed (complete response) before onset of the current IFI.	
No, treatment was ongoing at time of diagnosis of the current IFI.	
$\bigcirc$ Uncertain if the previous disease had complete response prior to the onset of the current IFI.	
Please provide additional information that you consider appropiate in order to understand the link to the current IFI.	
For help please <u>contact us</u> .	Back Continue

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,		

### **Treatment in the Intensive Care Unit (ICU)**

You stated the patient was treated in ICU prior to diagnosis of IFI. Please provide further details.

Reason for admission to ICU	
☐ Medical	
Neurosurgical	
Surgical	
Unknown	
Other	
Main reason for ICU admission	
Which of the following were present during the ICUs	stay'
Baseline status:	-
☐ Creatine kinase elevated	
☐ APACHE II Score: <a> </a>	
Treatment:	
<ul><li>Central venous catheter</li></ul>	
☐ Dialysis	
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Extra	corporeal membrane o	xygenation (ECM	0)					
_ Fludr	ocortisone							
Hydro	ocortisone							
Intra	-aortic balloon pump (I	ABP)						
_ Inotr	opic support							
☐ Mech	anical ventilation							
☐ Neura	aminidase inhibitors (e.	g. <i>Oseltamivir po, Pe</i>	eramivir iv or Zar	amivir inhaled) Ple	ase, indicate:			
☐ Nitric	oxide or high-frequen	cy oscillation ven	tilation					
Parer	nteral nutrition							
☐ Prone	e positioning > 48 hour	S						
	pressors (e.g. <i>Adrenaline</i> ,		renaline, Vasopre	essin or a combinati	ion of them) Pleas	se, indicate:		
Conditio								
_	Respiratory Distress S	Syndrome (ARDS)	)					
Liver	failure							
Rena	l failure							
Sepsi	is							
☐ None	e of the above							
Length								
of (in days)	1							
(, .)	•							
	<u>Prior</u>	<u>After</u>	Total					
	IFI diagnosis	IFI diagnosis	iotai					
ICU stay	ulagilosis	ulagilosis						
Dialysis								
ECMO								
LCINO								

Mechanical ventilation				
Prone positioning				
Vasopressors				
Please elabora	ate if needed.			
				,
For help please	contact us.			/,
			Back Continue	



Please provide the FiO2 and positive end-expiratory pressure (PEEP) at day of diagnosis of the IFI.

FIO₂ Select: 1 to 100 ♥ %

PEEP Select: 0 to 60 ♥ cmH₂O

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#### **Prosthetic Material**

The fungal infection was related to a prosthetic material/catheter. Please provide further details.

Which type of prosthetic material/catheter was placed?  Vascular access devices
Peripheral venous catheter
Midline catheter
Peripheral inserted central venous catheter (e.g. PICCline)
Tunneled central venous catheters (e.g. Hickman catheter)
Non-tunneled central venous catheter (e.g. Shaldon catheter; jugular, subclavian or femoral CVC)
Implanted central venous catheter (e.g. Port-a-Cath)
Peripheral arterial catheter (e.g. Radial artery line, femoral artery line)
Lung assist device (e.g. ECMO, Novalung)
Cavitary catheters
☐ Indwelling peritoneal catheter (e.g. Tenckhoff catheter)
☐ Indwelling urinary catheter
☐ Drainage catheter
Prosthesis
☐ Heart valve
☐ Cardiac pacemaker
☐ Vascular prosthesis / Stents
☐ Joint prosthesis
Other prosthetic material
Please specify:
How many days prior to the diagnosis of the fungal infection was the prosthetic material placed?
day(s) before
How many days after the diagnosis of the fungal infection was the prosthetic material/catheter
removed?
dav(s) after

Central-blood culture	Select	✓ Select				
Peripheral-blood culture	Select	✓ Select	~			
Please provide additional info	rmation that you consid	der necessary in order to	o understand the link to th	e current		
For help please contact us.						
					Back Continue	

Culture done?

Culture positive?



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Neutropenia						
Please provide further det	ails.					
<b>How many days w</b> ithin Neutropenia: Absolute neutro			nosis of IFI w	as the patient ne	utropenic?	
days	pini count <500 pe	ει μι				
,						
How many days f <u>rom d</u>			the patient ne	utropenic?		
Neutropenia: Absolute neutro	phil count <500 pe	er µl				
days						
Did the patient receive	G-CSF and/or	granulocyte tra	insfusion?			
	Yes, unknown when	Yes, before IFI	Yes, after IFI diagnosis	Yes, before and after IFI diagnosis	No	Unknown
G-CSF	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$
Granulocyte transfusion	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Neutrophil count at tim						
(e.g. 105, 225, <500, >1	•	per mm3 of bloo	d)			
cells / m	m3					
For help please contact us	<u>.</u>					
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#### **COVID-19** infection

You stated the patient had COVID-19 infection	. Please provide further details.
Time span prior to diagnosis of IFI	
days	
Please, provide details on the origin of the (e.g. throat swab)	e PCR sample for COVID-19 acute infection diagnosis
Please, provide details if antibodies for Co (e.g. IgA or IgG)	OVID-19 were screened in the patient during acute phase or at cured disease
Please provide further details on the COV e.g. exposure, diagnosis and clinical management (anti-	
e.g. exposure, diagnosis and chinear management (unit	To drags, length of and covid to dreathency

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Drugsw/in3monthsb4IFI

Did the patient receive any of the following drugs for treatment of underlying disease(s) during the last 3 months and / or antibiotics within 4 weeks prior to and including the day of diagnosis Please consider all drugs independent of condition or underlying diease.

How many days prior to the diagnosis of the IFI was chemotherapy for treatment of underlying hematological / oncological disease started/stopped?

 ∇incristine Other:

Chei	motherapy started		days before IFI diagnosis
Chei	motherapy ended		days before IFI diagnosis
Cate	gory		
Anti	gs (multiple select neoplastic drugs Busulfan, Carboplatin,	-	tin, Cytarabine, Daunorubicin, Doxorubicin, Etoposide
	No		
	Unknown		
	Yes. Please select	which.	
	Bendamustine		
	Bleomycin		
	Busulfan		
	Carboplatin		
	Cisplatin		
	Cladribine		
	Cyclophosphamide		
	Cytarabine		
	Daunorubicin		
	Doxorubicin		
	Etoposide		
	Fludarabine		
	Idarubicin		
	Melphalan		
	Methotrexate		
	Mitoxantrone		
	Pentostatin FungiScope CR	F v4.0,	, 21. June 2022

	Cyclosporine (CSA), Methotrexate, low dose Mycophenolate Mofetil, Tacrolimus
	No
	Unknown
	Yes. Please select which.
	Azathioprine
	Cyclophosphamide
	Cyclosporine (CSA)
	Mercaptopurine
	Methotrexate
	Mycophenolate mofetil (MMF)
	Sirolimus
	Tacrolimus
	Other:
Cort	icosteroids
	No
	Unknown
	Yes. Please specify:
Cum	nulative dosage:
	mg (Prednisolon-equivalent)
	ber of days with Corticosteroids: days
	<b>bodies</b> Bevacizumab, Cetuximab, Muromonab, Rituximab, Trastuzumab
	No
	Unknown
	Yes. Please select which.
	Adalimumab
	Alemtuzumab
	Anti-Thymocyte Globulin (ATG)
	Apolizumab
	Basiliximab
	Belimumab
	Bevacizumab
	Brentuximab
	Brodalumab
	Certolizumab
	Cetuximab
	Daclizumah

	Eculizumab
	Galiximab
	Gemtuzumab-Ozagamicin
	Golimumab
	Ibritumomab-Tiuxetan
	Infliximab
	Ipilimumab
	Lumiliximab
	Muromonab
	Natalizumab
	Nivolumab
	Ofatumumab
	Panitumumab
	Pembrolizumab
	Pertuzumab
	Ramucirumab
	Rituximab
	Tocilizumab
	Tositumomab
	Trastuzumab
	Ustekinumab
	Vedolizumab
	Zanolimumab
_	
	Other:
Sma	Other:  Il molecules  Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide
Sma	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide
Sma	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide No
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide No Unknown
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide No Unknown Yes. Please select which.
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No  Unknown  Yes. Please select which.  Abatacept
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept Everolimus
Sma e.g. /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept Everolimus Ibrutinib
Smaare e.g. / Particular e.g.	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept Everolimus Ibrutinib Idelalisib
Smaare e.g. / e.	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept Everolimus Ibrutinib Idelalisib Imatinib
Smaare e.g. / Personal control	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept Everolimus Ibrutinib Idelalisib Imatinib Ivosidenib
Sma e.g. / / / / / / / / / / / / / / / / / /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Dasatinib Erlotinib Etanercept Everolimus Ibrutinib Idelalisib Imatinib Ivosidenib Lapatinib
Sma e.g. / / / / / / / / / / / / / / / / / /	Il molecules Abatacept, Erlotinib, Imatinib, Lenalidomide, Sunitinib, Thalidomide  No Unknown  Yes. Please select which. Abatacept Anakinra Bortezomib Bosutinib Casatinib Erlotinib Etanercept Everolimus Ibrutinib Idelalisib Imatinib Ivosidenib Lapatinib Lapatinib Leflunomid

$\sqcup$					
	Pomalidomide				
	Regorafenib				
	Ruxolitinib				
	Sorafenib				
	Sunitinib				
	Thalidomide				
	Tretinoin				
	Vismodegib				
	Other:				
	<b>biotics</b> (4 weeks prior IFI) cephalosporins, penicillins, tetracyclines	(excluding treatment of fever			
		related to IFI) Please state the number of cumu	lative		
	No	days of antibiotic therapy. (e.g. a patient recieved 2 differ e	nt antibiotic substances for 14		
	Unknown	and 7 days - the cum. number of	days adds up to 21 days even		
	Yes. Please select which.	if the sequences of antibiotic the	rapies overlap)		
	Aminoglycosides				
	Carbapenems				
	Cephalosporins				
	Glycopeptides				
	Lincomycins				
	Macrolides				
	Penicillins				
	Quinolones				
	Sulfonamides				
	Tetracyclines				
	Other:				
or	additional information:				
					,
or	help please <u>contact us</u> .				
				Back Continue	

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#### **Clinical Signs and Symptoms**

Yes

Please state the clinical signs and symptoms that were present and potentially attributable to the fungal infection up to 7 days prior to diagnosis of the IFI.

Neutropenic fever was present, for how many days:					
Fever was present, for ho	ow many da				
			_	prior day 0	after day 0
If,					
Soft tissue swelling	0				
Soft tissue swelling	$\bigcirc$				
Pain		$\bigcirc$			
Neurological symptoms		$\bigcirc$	$\bigcirc$		
Haemoptysis		$\bigcirc$	$\bigcirc$		
Fever	$\bigcirc$	$\bigcirc$	$\bigcirc$		
Eschars	$\bigcirc$	$\bigcirc$			
Dyspnoea	$\bigcirc$	$\bigcirc$	$\bigcirc$		
Cougn	$\bigcirc$	$\bigcirc$			

Unknown

Please provide further details on signs and symptoms mentioned above.

Other signs and symptoms	
For help please <u>contact us</u> .	
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#### **Site of Infection**

☐ Biliary system

#### Please state the site(s) of infection due to IFI.

If bone, joint, deep soft tissue or vessels are affected, please specify below for a comprehensive understanding.

Blood (positive blood cultures)
Bone
Bowel
Brain/Central nervous system
Eye
Orbit
Heart
Joint
Kidneys
Liver
Lung
Paranasal sinuses
Peritoneum
Foreign body (e.g. intravascular catheters, prosthetic material):
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Deep soft tissue	
Spleen	
☐ Vessels	
Other:	
Catheter-related bloodstream infection (CRBSI)	
<ul> <li>Disseminated (positive blood culture and/or at least two non-adjacent organs affected)</li> <li>Progressive to adjacent organs (at least two adjacent organs affected) from which to which organ:</li> </ul>	
For additional information on sites of infection:  i.g. was the eye infected, did you refer to the eyeball or orbital soft tissue (originated from the sinuses)?	
for help please contact us.  Back Continue	

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#### **Imaging Procedures**

Please provide further details on imaging procedures performed to diagnose the IFI. Follow-up imaging procedures may be documented.

Day = Select day of procedure relative to the day of diagnosis of the IFI, e.g. 0 (day of diagnosis, when result became available to the treating physician) or -5 (day 5 before diagnosis) or 7 (day 7 after diagnosis).

#### Day of Diagnosis - Day Zero

The day of diagnosis is considered the day that the first positive microbiological (e.g. culture or PCR) or histological test result or a positive galactomannan antigen test result in case of aspergillosis was provided to the treating physician and thereby antifungal treatment changed from empirical to targeted.

In the case of post mortem diagnosis, the day of death is considered to be the day of diagnosis.

	Procedure	Region	Contrast	Signs of Day IFI	Details	
example	. СТ	Thorax	enhanced	yes -2	Multiple nodular infiltrates right lung, suggestive of IFD	
1.	~	\ \ \	<u>'</u>	<b>~</b>		
2.						
	~	<b>\</b>	<b>'</b>	<b>~</b>		

<ol> <li>4.</li> </ol>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	~	<b>~</b>	
4.	<b>1</b>			
4.				
	<b>∨</b>		<b>~</b>	
	J			
5.		<b>\</b>	<b>~</b>	
6.	<b>~</b>	<b>~</b>	<b>~</b>	
7.	<b>~</b>	~	<b>~</b>	
8.	<b>V</b>	~	<b>~</b>	
Other.	~			

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#### **Endoscopy**

Please provide further details if endoscopy was done for diagnosis of IFI and to follow up on resolution of the infection.

Day = Select day of procedure relative to the day of diagnosis of the IFI, e.g. 0 (day of diagnosis, when result became available to the treating physician) or -5 (day 5 before diagnosis) or 7 (day 7 after diagnosis).

#### Day of Diagnosis - Day Zero

The day of diagnosis is considered the day that the first positive microbiological (e.g. culture or PCR) or histological test result or a positive galactomannan antigen test result in case of aspergillosis was provided to the treating physician and thereby **antifungal treatment changed from empirical to targeted**.

In the case of post mortem diagnosis, the day of death is considered to be the day of diagnosis.

	Туре		Signs of IFI	Day	Details
example:	Bronchoscopy		yes	0	Suspicious bronchial lesions for IFD, BAL and biopsy done
example:	Bronchoscopy		no	12	no lesions
1.					
		~	<b>~</b>		

2.	<b>V</b>	<b>\</b>			
3.	<b>V</b>	<u> </u>			
4.	<b>V</b>	<u> </u>			
_					
5.	<b>V</b>	<u> </u>			
for additi	onal information:				
Pleas	se check box if <b>n<u>o</u> endo</b>	scopy was p	erform	ed for diagnosis of the IFI.	
For help p	olease <u>contact us</u> .				
				Back Continue	



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#### **Galactomannan Antigen Test**

If GM (AspAg) was tested, please document **all** test results from the first positive tested sample (GM>0.5). Please document **also the negative tested samples** (GM<0.5) until at least 3 **consecutive** tests were negative or until day 84 (which comes first).

# Which Galactomannan test was used? Platelia Aspergillus assay Other: # Day GM index Sample 1. 2. 4.

5.						<b>V</b>	
6.						~	
7.						~	
8.						<b>~</b>	
or a	dditional i	nform	nation, e.g	. if G	GM was tested more than	eight times.	
or he	elp please <u>c</u>	<u>ontact</u>	us.				
						Back	ntinue

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#### **Mycological Evidences**

Please specify mycological efforts undertaken to diagnose the IFI and to follow up on resolution of the infection.

#### Day Zero - Day of Diagnosis

The day zero (= day of diagnosis) is considered the day that the first positive microbiological (e.g. culture or PCR) or histological test result or a positive galactomannan antigen test result in case of aspergillosis was provided to the treating physician and thereby **antifungal treatment changed from empirical to targeted**. It is not the day when the sample was taken but when the treating physician received the result of it.

In the case of post mortem diagnosis, the day of death is considered to be the day of diagnosis.

**Day** = Select day of procedure relative to the **Day Zero - Day of Diagnosis** of the IFI, e.g. 0 (day of diagnosis, when result became available to the treating physician) or -5 (day 5 before diagnosis, e.g. morphologically unspecific hyphae seen in smear) or 7 (day 7 after diagnosis).

	Procedure	Type of Sample		Detection I of IFI	Day D	escription of findings	Fungus identified (species)
example:	Culture	Liver		yes	-3	Beige greyish sporangia >1cm high, rhizoids, undivided hyphae	Lichtheimia corymbifera
	Culture	Liver		no	12		
1.		<b>V</b>	<b>V</b>	<b>~</b>			
2.		<b>~</b>	<b>~</b>	~			
3.							

	<b>~</b>	~	~		
4.	<b>~</b>	<u> </u>	<u> </u>		
5.	<b>V</b>	<u> </u>	<b>~</b>		
6.	<b>V</b>	<b>V</b>	<b>V</b>		
0.	•	<u> </u>			
7.	<b>V</b>	<u> </u>	<u> </u>		
8.	<b>~</b>	<b>~</b>	~		
9.	<b>~</b>	<b>V</b>	<b>~</b>		
9.	•	•			
10.	<b>V</b>	<u> </u>	<b>~</b>		
Ear furth	aar information on procedure	s done for mycological diagnosis:			
roi iuiti	iei illiorillation on procedure	s done for mycological diagnosis.			

#### Susceptibility to antifungals tested?

O YES, susceptibility results are available.

○ No MICs available.

For help please contact us.





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#### **FungiThek**

Biobanking of isolates of rare fungi for centralized identification, research and exchange among FungiScope collaborators.

#### Are you able to contribute the fungal isolate to FungiScope?

# Yes, I already sent it to the FungiScope central lab in Cologne. I will send the isolate to the FungiScope Central Lab Cologne. (Please find details below) the isolate is stored at the reference lab in my country. No, for the following reason (e.g. no culture done, disposal, local law and regulations)

FungiScope reimburses for packaging and shipment of the respective isolate with 50 Eur. If you wish to contribute the isolate please send it to:

University Hospital Cologne Center for Clinical Trials 2 Infectious Diseases Susann Blossfeld - FungiScope Herderstrasse 52-54 50931 Cologne Germany

Please use this **Shipment Form**FungiScope CRF v4.0, 21. June 2022

If you need any assistance regarding shipment please check box	and we will contact you. Or get in touch with us directly via Email.
For help please <u>contact us</u> .	Back Continue



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#### **Molecular detection**

Please specify which region was sequenced to identify the fungal pathogen.	
☐ ITS (Internal transcribed spacer)	
☐ IGS (Intergenic spacer)	
☐ D1/D2	
Other. Please specify:	
Please provide the nucleotide sequence.	
Please specify which MALDI-TOF MS system was used to identify the fungal pathogen.	
☐ Andromas	
☐ Bruker Biotyper	
☐ VITEK II system	
☐ VITEK MS	
☐ Other. Please specify:	

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#### Histology

Which stainings were done to identify the fungal pathogen?		
☐ None		
☐ Calcoflour white		
☐ GMS (Grocott-Gomori's Methenamine Silver stain)		
Hematoxylin and eosin stain		
PAS (Periodic acid-Schiff stain)		
Other. Please specify:		
Was tissue invasion seen?		
○ Yes		
○ No		
○ Not applicable		
For help please <u>contact us</u> .		
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Course of include

#### **Susceptibility Test**

	used for susceptibility testing	Site of origin
example:	Tissue (sterile site)	Lung
	select V	
<b>Day</b> = Select	the day the susceptibility results v	he IFI were susceptibility results available? vere available relative to the day of diagnosis of the IFI, ailable to the treating physician) or 7 (day 7 after diagnosis).
d	ay(s)	

Cita of aviation

Please provide the susceptibility (S-I-R) and the minimum inhibitory concentration (MIC) for each antifungal agent that was tested.

1.	

3.	<b>∨</b>
4.	V
5.	V
6.	V
7.	
8.	
9. <b>mg/l</b>	
9.	
Other. mg/l	
	<u> </u>
76	
If you wish to provide further information on procedures done	Tor susceptibility test, please use the space provided below

For help please contact us.



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#### **Antifungal Treatment**

Please provide details on the course of treatment with the distinction between **treatment of a previous fungal infection, prophylaxis, empiric, targeted treatment** and **secondary prophylaxis** after treatment of respective IFI w completed (select: Antifungal strategy).

Please specify **Start and Stop day** of each treatment relative to the day of diagnosis of the IFI, e.g. 0 (day of diagnosis, when result became available to the treating physician) or -5 (day 5 before diagnosis) or 7 (day 7 after diagnosis Before the day of diagnosis, treatment is considered prophylactic or empiric/pre-emptive. Starting from that day it is considered targeted antifungal treatment.

#### Day of Diagnosis - Day Zero

The day of diagnosis is considered the day that the first positive microbiological (e.g. culture or PCR) or histological test result or a positive galactomannan antigen test result in case of aspergillosis was provided to the treating physician and therefore **antifungal therapy was changed from empirical to targeted**.

In the case of post mortem diagnosis, the day of death is considered to be the day of diagnosis.

If **Drug-related adverse event(s) (AE)** occurred, please provide further details.

An Adverse Drug Reaction (ADR; adverse reaction; undesirable effect) is a response to a medicinal product, which is noxious and unintended. Adverse reactions may arise from use of the product within or outside the terms of the marketing authorisation or from occupational exposure. Centralised collection of data on adverse drug reactions has the potential to uncover formerly unknown on ADR. If you are a physician practicing in Germany, we therefore advise registration of any ADR in the European Database, accessible via the following link: <a href="http://www.adrreports.eu/de/index.html">http://www.adrreports.eu/de/index.html</a>

	Antifungal strategy	Antifungal drug	GFR at initiation	Start Day	Stop Day	<b>Dosage</b> [mg]	Frequency		Adminis- tration	Reason for Stop	<b>Comments</b> e.g. AEs, other drug
example:	Empiric	Voriconazole	< 15	-12	0	250	2x / D	ay	iv	Completed treatment	Visual disturbances
1.	<b>_</b>		<b>V</b>				<b>V</b> /	<u> </u>	~	<b>v</b> )[	
2.			<b>~</b>				<b>V</b> /	~	<b>v</b>	<b>v</b> ][	
3.	<b>~</b>	\	<b>~</b> ][				<b>V</b> /	~	~	<b>V</b> ][	
4.	~	<b>&gt;</b>	~				<b>~</b> //	~	<u> </u>	<u> </u>	
5.							/		•	•	
	FungiScope CRF v4.0, 21.	June 2022 V					<u> </u>		<u> </u>	<b>~</b>	

6.		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<b>~</b>					/ ~	<u> </u>	~	\ \ \	
7.	<u> </u>	<b>V</b>						, ,		~	<b>\</b>	
/.		<b>\</b>	<u> </u>		][	JL		/			<b>\</b>	
	Antifungal strategy	Antifungal drug	GFR at initiation n	Start Day	Stop Day	<b>Dosage</b> [mg]	Frequ	uency	Admini tratio	is- n	Reason for Stop	<b>Comments</b> e.g. AEs, other drug
8.	<u> </u>	<b>V</b>	<b>~</b>					/ ~	•	~	<b>\</b>	
					)(	J	·	,				
9.	<u> </u>	<b>\</b>	<u> </u>		]	]		/		~	<u> </u>	
10.	<u> </u>	<b>~</b>	<u> </u>			][		/		~	<u> </u>	
11.		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						/ ~	<u> </u>	~	\ \ \	
12.		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						/ ~	<u> </u>	~	\ \ \	
13.		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<b>~</b>					/ ~	<u> </u>	~	\ \ \	
14.	<u> </u>	\[ \rightarrow \]						/	<u> </u>	~	<b>\</b>	
15.	<b>~</b>	\[ \rightarrow \]	<b>~</b>			][		/	•	~	<b>\</b>	
16.		\[ \rightarrow \]						/ ~		~	\ <u>\</u>	

**Any comments on antifungal treatment.**e.g. if you would like to elaborate on decisions of switching from one drug to another or in case of complex treatment regimens, which are difficult to present in the above format

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For help please contact us.



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#### **Drug levels**

If drug levels were tested, please provide details below.

Note, in this page, day means the day after start of the respective drug.

If drug levels where tested at different time points, please chose the **most significant results**, e.g. first measurement, before dose adjustment, at time of failure.

				1. measu	rement	2. measu	rement	3. measui	rement	
	Treatment Period	Antifungal drug	Sample type	Day	Drug level	Day	Drug level	Day	Drug level	Unit
example	: Prophylaxis	Posaconazole	Serum	5	2200	9	1200	12	400	ng/ml
1.	~	~	<b>~</b>							~
2.	~	~	<b>~</b>							~
3.	~	~	~							<b>~</b>

4.

	<b>V</b>		<b>V</b>							~
5.	<u> </u>		V							~
Other.	~									
or furth	er information:									
Pleas	e check box if <b>n<u>o</u></b>	drug levels w	ere tested.							
or help p	lease <u>contact us</u> .									
				Ва	ck Cont	inue				

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#### **Other Antifungal Treatment**

Did the patient receive additional treatment of the IFI?

**Day** = Please specify the **Day of procedure** (surgery, CVC removal) or **Start Day** (Iron chelator) relative to the date of diagnosis of the IFI, e.g. 0 (day of diagnosis, when result was available to the treating physician) or -5 (day 5 before diagnosis) or 7 (day 7 after diagnosis).

#### Day of Diagnosis - Day Zero

The day of diagnosis is considered the day that the first positive microbiological (e.g. culture or PCR) or histological test result was provided to the treating physician.

In the case of post mortem diagnosis, the day of death is considered to be the day of diagnosis.

		<b>Day(s)</b> e.g4,0,8,35	<b>Additional information</b> e.g. Surgical drainage of brain abscess
Surgery	<ul><li>Yes. Please specify:</li><li>No</li></ul>		
CVC removal	<ul><li>Yes. Please specify:</li><li>No</li></ul>		
FungiScope C	Not applicable RF v4.0, 21. June 2022		

Iron chelator administration	<ul><li>Yes. Please specify:</li><li>No</li></ul>		
Other	<ul><li>Yes. Please specify:</li><li>No</li></ul>		
Please elaborat	te, if needed		
			//
For help please <u>c</u>	ontact us.		
		Back Continue	



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Outcome
Patient alive at last contact?
○ Yes
○ No
If alive: was antifungal therapy completed before last contact with the patient?
Yes.
$\bigcirc$ No. Therapy is ongoing after the here documented last contact with the patient.
Lost to follow-up?
○ Yes
○ No

Time span between diagnosis of IFI and last contact with the patient. If diagnosis was established post-mortem please enter "0".

days

How many days after diagnosis of the IFI was final treatment response assessed?

 $\rightarrow$  for complete response this is the day when complete response was assessed the f<u>irst time</u> (this may or may not be before the day of last contact)

If diagnoss apas restrablished upostonortem please enter "0".

days	
Response to antifungal treatment	
at day 14, 28, 42, 84 after diagnosis of IFI and at day of final assessment Please refer to f <u>ungal disease</u> only.	<b>②</b>

	Complete Response	Partial Response	Stable Disease	Progression / Failure	Unknown	Not applicable
Day 14	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 28	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 42	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 84	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Final assessment		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

#### State of the $u\underline{nderlying\ condition}$

at day 14, 28, 42, 84 after diagnosis of IFI and at day of final assessment

	Complete Response	Partial Response	Stable Disease	Progression/ Uncontrolled U Disease	nknown <sub>ap</sub>	Not oplicable
Day 14		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 28		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 42		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 84		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Final assessment			$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

#### Neutropenia and immunosuppression status

#### at day 14, 28, 42, 84 after diagnosis of IFI and antifungal treatment, and at day of final assessment

Neutropenia: Absolute neutrophil count < 500 per μl

	Neutropenic	Under immunosuppression	Both	None of the above	Unknown	Not applicable
Day 14		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 28	3	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 42		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Day 84		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Final assessment		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$



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Patient died	
You stated that the patient died. Please provide further details.	
Was the death attributable to IFI?  Yes  No  Unknown	
Primary cause(s) of death:  1  2  3	
Was diagnosis of IFI established post-mortem?  Yes No	
If an autopsy was performed, please provide further details. Please be reminded that data should be anonymised to protect the patients identity.	
FungiScope CRF v4.0, 21. June 2022	//

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#### **Additional Information**

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