



**SURVEY QUESTIONNAIRE :**

**NHLS PROFICIENCY TESTING SCHEME  
MYCOLOGY (MOULDS)**

**F02-22 (PAGE 1 OF 4)**

**Closing date : 29 July 2022**

**LABORATORY CODE:**

SAMPLE	CLINICAL SCENARIO	QUESTION	ANSWER	ALLOCATED SCORE
<b>F02-22A</b> (suspended culture) Tracheal aspirate	Near drowning patient admitted to ICU	What is the identity of the organism? Provide genus and/or species name.	Only one answer code	0 or 1 or 3 or 4
<b>F02-22B</b> (suspended culture) Hair	Patchy loss of hair	What is the identity of the organism? Provide genus and/or species name.	Only one answer code	0 or 1 or 3 or 4
<b>F02-22C</b> (suspended culture) Broncho-alveolar lavage	Acute leukaemia with neutropenia and fever	What is the identity of the organism? Provide genus and/or species name.	Only one answer code	0 or 1 or 3 or 4
<b>F02-22D</b> (suspended culture) Skin biopsy	Rheumatoid arthritis with recent fever and skin lesions on legs	What is the identity of the organism? Provide genus and/or species name.	Only one answer code	Ungraded (“difficult ID challenge”)

Please return the completed survey questionnaire before the closing date to **fax:** (0) 86 246 8373 or **email:** mycopts@nhls

## ANSWER CODES

	Identity of mould		Identity of mould
01	<i>Lichtheimia</i> species (formerly <i>Absidia</i> species)	24	<i>Dreschlera</i> species
02	<i>Acremonium</i> species	80	<i>Emergomyces africanus</i>
03	<i>Alternaria</i> species	25	<i>Epicoccum</i> species
04	<i>Aspergillus</i> species, not otherwise specified	26	<i>Epidermophyton floccosum</i>
05	<i>Aspergillus clavatus</i>	27	<i>Exophiala</i> species
06	<i>Aspergillus flavus</i>	28	<i>Exophiala jeanselmei</i>
07	<i>Aspergillus fumigatus</i>	29	<i>Exophiala dermatitidis</i>
08	<i>Aspergillus glaucus</i>	30	<i>Fonsecaea</i> species
09	<i>Aspergillus nidulans</i>	31	<i>Fonsecaea pedrosoi</i>
10	<i>Aspergillus niger</i>	32	<i>Fusarium</i> species
11	<i>Aspergillus terreus</i>	33	<i>Neocosmospora</i> species
12	<i>Aspergillus versicolor</i>	34	<i>Gliocladium</i> species
13	<i>Aureobasidium</i> species	35	<i>Helminthosporium</i> species
14	<i>Beauveria</i> species	36	<i>Histoplasma capsulatum</i> species-complex
15*	<i>Bipolaris</i> species	37	<i>Hormonema</i> species
16	<i>Blastomyces</i> species	38	<i>Malassezia</i> species (including <i>M. furfur</i> )
17	<i>Chaetomium</i> species	39	<i>Malbranchea</i> species
18	<i>Chrysosporium</i> species	40	<i>Microsporum</i> species, not otherwise specified
19	<i>Cladophialophora</i> species	41	<i>Microsporum audouini</i>
20	<i>Cladophialophora carrionii</i>	42	<i>Microsporum canis</i>
21	<i>Coccidioides</i> species	81	<i>Microsporum ferrugineum</i>
22	<i>Cunninghamella</i> species	43	<i>Nannizzia gypsea</i> (formerly <i>Microsporum gypseum</i> )

23*	<i>Curvularia</i> species	44	<i>Nannizzia nana</i> (formerly <i>Microsporium nanum</i> )
		45	<i>Mucor</i> species
		46	<i>Nigrospora</i> species

\*Note: These genera cannot be distinguished based on phenotypic characteristics alone

	Identity of mould		Identity of mould
47	<i>Purpureocillium species</i> (formerly <i>Paecilomyces species</i> )	64	<i>Trichoderma species</i>
48	<i>Penicillium species</i> , not otherwise specified	65	<i>Trichophyton species</i> , not otherwise specified
49	<i>Talaromyces marneffeii</i> (formerly <i>Penicillium marneffeii</i> )	66	<i>Trichophyton ajelloi</i>
50	<i>Phaeoannellomyces species</i>	67	<i>Trichophyton interdigitale</i>
51	<i>Phialophora species</i> , not otherwise specified	68	<i>Trichophyton rubrum</i>
52	<i>Phialophora verrucosa</i>	69	<i>Trichophyton schoenleinii</i>
53	<i>Phoma species</i>	70	<i>Trichophyton tonsurans</i>
54	<i>Pithomyces species</i>	71	<i>Trichophyton verrucosum</i>
55	<i>Scedosporium apiospermum</i> or <i>Scedosporium species</i> , not otherwise specified	72	<i>Trichothecium species</i>
56	<i>Rhizopus species</i>	73	<i>Ulocladium species</i>
57	<i>Lomentospora prolificans</i> (formerly <i>Scedosporium prolificans</i> )	74	<i>Verticillium species</i>
58	<i>Scopulariopsis species</i> , not otherwise specified		<b>Miscellaneous responses for identification</b>
59	<i>Scopulariopsis brevicaulis</i>	75	Dematiaceous mould, sent to reference laboratory for identification
60	<i>Sepdonium species</i>	76	Dermatophyte recognised, sent to reference laboratory for identification
61	<i>Sporothrix schenckii species-complex</i>	77	Mould recognised, sent to reference laboratory for identification
62	<i>Stemphylium species</i>	78	Mucoraceous mould, presumptive identification

63	<i>Syncephalastrum</i> species	79	Thermally-dimorphic fungus, sent to reference laboratory for identification
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