

# National Museum of Health and Medicine

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## Otis Historical Archives

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**OHA 196.88**

### Human Cryptococcosis Teaching Slide Sets

**Accession Number:** NA

**Date of Records:** 1965

**Size:** 1 box, 0.5 linear feet

**Finding Aid by:** Melissa Saracino (2024)

**Access and Use:** The Otis Historical Archives is committed to providing open access to its collections as far as possible within the limits of privacy and confidentiality. Access to this collection is at the discretion of the Otis Historical Archives and material contained within the records may be subject to review before access is granted.

**Restrictions:** This collection is unrestricted.

**Condition:** No issues.

**Historical Note:** This collection consists of presentation slides prepared by Dr. M. L. Littman at the Armed Forces Institute of Pathology (AFIP) in Washington, D.C., in 1965. The slides cover various aspects of cryptococcus in both humans and animals, including its definition, identification, diagnosis, and treatment, along with other related topics. Cryptococcus is an invasive yeast (fungus) that is transmitted through the inhalation of spores. It causes the infection cryptococcosis and is especially dangerous to people with weakened immune systems.

**Scope and Content Note:** This collection consists of 563 slides in 35mm format, along with 16 large-format transparencies (4x5"). The teaching set includes slides numbered 1-6, 8-10, 24, 40, 94, 105, 108-109, and 111-116. Each slide has multiple duplicates, which are noted in parentheses next to the slide number (e.g., Slide 1 (23 copies)). Two slides are labeled "Slide 9," each containing different content. To distinguish them, one is marked as "Slide 9 (1 of 2)" and the other as "Slide 9 (2 of 2)." Slides 2-3, 8-10, 24, 105, 109, and 111-116 are also available as large-format transparencies.

## BOX AND CONTENT LIST

**Box 001** Human Cryptococcosis Teaching Slide Sets, 1965

00001: Slides 1-4 (100 slides)

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Ed: 11/2024--LEC

- Slide 1 (23 copies): Littman, M. L. *Cryptococcosis in Man and Animals, Prepared at Armed Forces Institute of Pathology, Washington, D.C., 1965.*
- Slide 2 (26 copies): Epidemiology of Cryptococcosis (Definition, Etiological Agent, Geographic distribution, Epidemiological features).
- Slide 3 (26 copies): Epidemiology of Cryptococcosis, continued (Source of infection).
- Slide 4 (25 copies): Experimental avian cryptococcosis. Unsteady infected pigeon on left. (AM. J. EPIDEM. SEPT. 1965).

00002: Slides 5-6 & 8-9 (100 slides)

- Slide 5 (24 copies): Cryptococcal leptomeningitis in the pigeon. Granulomatous exudate with cryptococci covering cerebrum. H&E stain. (AM. J. EPIDEM. SEPT. 1965).
- Slide 6 (24 copies): Pulmonary cryptococcal granuloma in lung of pigeon following intracerebral injection of *C. neoformans*. (AM. J. EPIDEM. SEPT. 1965).
- Slide 8 (15 copies): Human Cryptococcosis-Clinical Aspects (Pulmonary Cryptococcosis, Disseminated Cryptococcosis, Central nervous system infection, Skin and mucous membrane involvement, Bone and joint involvement, Adrenal and kidney involvement, Association with lymphoma and leukemia).
- Slide 9 (1 of 2) (25 copies): Pulmonary Cryptococcosis (Symptoms).
- Slide 9 (2 of 2) (12 copies): *Cryptococcus neoformans* (Genus, Family, Sub-Family, Order, Class).

00003: Slides 9-10, 24, 40, & 94 (100 slides)

- Slide 9 (2 of 2) (12 copies): *Cryptococcus neoformans* (Genus, Family, Sub-Family, Order, Class).
- Slide 10 (25 copies): Pulmonary Roentgenographic Pattern.
- Slide 24 (24 copies): Tissue Reaction to *Cryptococcus neoformans*.
- Slide 40 (26 copies): Central Nervous System Cryptococcosis (Symptoms, Signs, Types).
- Slide 94 (13 slides): Identification of *Cryptococcus* in Tissues.

00004: Slides 94, 105, 108-109, & 111 (100 slides)

- Slide 94 (13 copies): Diagnosis (Identification of *Cryptococcus* in Tissues).
- Slide 105 (25 copies): Diagnosis (Microbiological).
- Slide 108 (24 copies): Cryptococci in Tissue (Gridley fungus stain).
- Slide 109 (25 copies): *Cryptococcus* Genus (Encapsulated yeasts).
- Slide 111 (13 copies): Specificity of Serological Test.

00005: Slides 111-115 (100 slides)

- Slide 111 (12 copies): Specificity of Serological Test.
- Slide 112 (24 copies): Serological Tests for Cryptococcosis.
- Slide 113 (26 copies): Serological Tests for Cryptococcosis, continued.

- Slide 114 (31 copies): Skin Hypersensitivity to *Cryptococcus neoformans*.
- Slide 115 (7 copies): Acquired Resistance to *Cryptococcus neoformans*.

00006: Slides 115-116 & Miscellaneous Slides (63 slides)

- Slide 115 (17 copies): Acquired Resistance to *Cryptococcus neoformans*.
- Slide 116 (25 copies): Treatment of Cryptococcosis.
- Blurred Slide: Lungs obtained at autopsy, posterior halves removed (same patient).
- MIS 53-16954, subject 195343
- MIS 53-16960, subject 195343
- MIS 55-7842, subject 606564
- MIS 55-7844, subject 606564
- MIS 55-9990, subject 701626
- MIS 55-9991, subject 701626
- MIS 56-21858-1 (7 copies), subject 778761: A55-143, Amburgey, Denver, *Cryptococcus neoformans* endocarditis.
- MIS 56-21858-2 (7 copies), subject 778761: A55-143, Amburgey, Denver, *Cryptococcus neoformans* endocarditis.

00007: Prints of slides 2-3, 8-10, 24, 105, 109, & 111-116 (16 prints)

- Print of slide 2: Epidemiology of Cryptococcosis (Definition, Etiological Agent, Geographic distribution, Epidemiological features).
- Print of slide 3: Epidemiology of Cryptococcosis, continued (Source of infection).
- Print of slide 8: Human Cryptococcosis-Clinical Aspects (Pulmonary Cryptococcosis, Disseminated Cryptococcosis, Central nervous system infection, Skin and mucous membrane involvement, Bone and joint involvement, Adrenal and kidney involvement, Association with lymphoma and leukemia).
- Print of slide 9 (1 of 2): Pulmonary Cryptococcosis (Symptoms).
- Print of slide 10: Pulmonary Roentgenographic Pattern.
- Print of slide 24: Tissue Reaction to *Cryptococcus neoformans*.
- Print of slide 40: Central Nervous System Cryptococcosis (Symptoms, Signs, Types).
- Print of slide 94: Diagnosis (Identification of *Cryptococcus* in Tissues).
- Print of slide 105: Diagnosis (Microbiological).
- Print of slide 109: *Cryptococcus* Genus (Encapsulated yeasts).
- Print of slide 111: Specificity of Serological Test.
- Print of slide 112: Serological Tests for Cryptococcosis.
- Print of slide 113: Serological Tests for Cryptococcosis, continued.
- Print of slide 114: Skin Hypersensitivity to *Cryptococcus neoformans*.
- Print of slide 115: Acquired Resistance to *Cryptococcus neoformans*.
- Print of slide 116: Treatment of Cryptococcosis.