Media and teaching aids

CLA

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Génie Mécanique, Génie Thermique, Génie des Procédés, Mécaniques des fluides, Physique, Chimie, Modèles anatomiques et végétaux, Microscopes, SVT, Génie électrique, Automatismes, Régulation, Télécommunications, Energies renouvelables, Solaire, Piles à Hydrogène, Mobilier
CLA offers high standard teaching material in three areas for health education!

With their range of selected training charts, particularly in the most practical sizes for class lessons (84 x 195 cm and 84 x 119 cm), and the series of overhead foils and slides CLA offers valuable basic material for teaching theory. Both the wall charts and the Working Transparencies D1 have been developed by the "Federal German Central Office for Health Education, Cologne".

CLA offers the complete range of SOMSO anatomical models. These models have been developed according to strict scientific criteria in co-operation with leading scientists. Specialists fully appreciate these robust models, their accuracy and their aesthetic qualities. Without exception these models are individually handmade by craftsmen in Sonneberg and Coburg.

The range of nursing dolls and medical phantoms have all been developed by CLA. The high technical standard attained by these models, is a result of decades of experience and intensive dialogue with doctors and teachers, and is recognised throughout the world. Both the nursing dolls and medical phantoms meet a wide range of teaching needs. Without exception these products are individually handmade by craftsmen in Coburg.
Teaching Charts
These charts are useful in general teaching in front of a class and allow prolonged viewing when necessary.

Compiled and published by the Federal German Central Office for Health Education, Cologne

A detailed explanatory text accompanies every teaching chart. This text first of all gives the anatomical and physiological data. It is accompanied by several pamphlets containing instructions and suggestions for experiments in order to make it easier for the teacher to select and present the material.

The charts marked with * are no longer mounted on linen but supplied on printed »Pretex« foil. This unique material is more durable, ensures brilliant colour reproduction and can also be written on with a water based marker. The other charts will also be produced on »Pretex« when re-printed.

1 a
Skeleton with Ligamentous Apparatus - Front View (84 x 195 cm)

2 a
Muscles - Front View *
in two layers with recesses (84 x 195 cm)
1b Skeleton with Ligamentous Apparatus - Dorsal View (84 x 195 cm)

2b Muscles - Rear View * in two layers (84 x 195 cm)

3 Circulation * (84 x 195 cm)

4 Nervous System * (84 x 195 cm)

5 Internal Organs, Torso (84 x 119 cm)

6 The Eye and Vision * (84 x 119 cm)

7 The Ear and Hearing * (84 x 119 cm)

8 Healthy and Decaying Teeth * (84 x 119 cm)

9 The Heart * (84 x 119 cm)

10 Respiratory Organs * (84 x 119 cm)
11 Digestive Organs *
(84 x 119 cm)

12 Lymphatic Vessels
(84 x 119 cm)

13 Head and Throat
(119 x 84 cm)

14 Skin and Tongue
(119 x 84 cm)

15 Male Pelvic Organs
(119 x 84 cm)

16 Female Pelvic Organs *
(119 x 84 cm)

17 Chest and Abdominal Organs of Human
(119 x 84 cm)

18 Human Chest and Abdominal Cavity and Skeleton
with position of internal organs - rear view
(119 x 84 cm)
Experience has shown that discussion of the autonomic nervous system is among the most difficult chapters in the teaching of anthropology. Chart No. 27 is intended to facilitate the treatment of this subject. First of all, it illustrates the extremely fine innervation of the intestines and shows nerve tissues. A panel illustrates schematically how and from where the individual organs are innervated. In this chart, the sympathetic and parasympathetic systems stand out in colour. A schematic diagram showing the link between the autonomic and central nervous systems is provided in another panel.
28 X-Ray Chart of the Skeleton
Grashey / Birkner:
(90 x 125 cm)
Schematic combination diagram in 3/5 of its natural size. Diagnostic sources of error, diversities, anomalies and critical pathological cases. Founded by Prof. Dr. Rudolf Grashey (deceased).
By Prof. Dr. Rudolf Birkner, Berlin 1966, 5th extended and revised edition, wall chart on cloth with rods inserted.
The transparency is becoming more and more important as a teaching tool in our schools today. It is simple to use in conjunction with an overhead projector and offers even those pupils sitting farthest away a good quality picture.

With the publication of the D1 “Construction and function of the human body” transparency folder by the “Federal German Central Office for Health Education”, CLA makes a further contribution to teaching material for human biology lessons in intermediate, secondary modern, vocational and grammar schools and training institutes for auxiliary medical personnel.

The folder comprises 46 work units which are arranged in a file in such a manner that they can quickly be taken out. Each work unit includes a black and white work transparency, the teacher’s accompanying text with illustration as folded sheet and the model for the drawing sheets. The “Federal German Central Office for Health Education” has no objection to schools duplicating these drawing sheets for direct use during lessons.

Each transparency is immediately ready for use in a transparent sleeve. The teacher can write or draw with water soluble markers on the transparency as well as on the protective sleeve.

The use of transparencies together with the drawing sheets makes it possible to coordinate instruction at the front of the class with the independent work of the pupils. The blank drawing sheets are also suitable for controlling achievements.

Contents of 46 Working Units Consisting of:

- Foil
  a Lecturer’s Sheet taking the Form of Folding Sheet with Text
  b Drawing Sheet

Working Unit:

**Bones:**
1. Cranium with shoulder girdle front view
2. Cranium with shoulder girdle side view
3. Thorax and pelvis front view
4. Thorax and pelvis rear view
5. Arm with shoulder girdle front and rear view
6. Hand top and side view
7. Leg front and rear view
8. Foot top and side view
9. Skeleton front view
10. Skeleton side view
11. Skeleton rear view
12. Arm
13. Leg
14. Front view
15. Rear view

**Function of bones, joints and muscles:**
16. Action of flexors and extensors
17. Diaphragm and thorax position during inhalation and exhalation, side and front view
18. Foot inside view, with arch and footprint for normal foot, flat foot and hollow foot
19. Normal foot inside, outside and underneath view with load and relief triangles
20. Position of internal organs front view
21. Position of internal organs rear view

Internal organs:
22. Heart with vessel dispositions for lung and body circulation (semi-diagrammatic)
23. Heart with vessel dispositions for lung and body circulation (diagrammatic)
24. Trachea and lungs with diagrammatic view of heart
25. Digestive tract
26. Villi, cross sectional and plan views
27. Kidney, ureter, bladder with afferent and efferent vessels
28. Bowman’s capsule with uriniferous tubule leading from it

Function of internal organs:
29. Effect of ferments on nutriment
30. Segregation of nutriment by ferments

Function of circulation:
31. Diagram of blood circulation and respiration

Nervous system:
32. Motoric nervous system
33. Vegetative nervous system

Function of nervous system:
34. Involuntary reflex
35. Voluntary reflex

Organ of Sense:
36. Eye in cross section
37. Ear in cross section
38. Tongue
39. Skin

Sexual organs:
40. Female pelvic organs side view
41. Male pelvic organs side view

Function of sexual organs:
42. 1st month of pregnancy
43. 9th month of pregnancy

Skin:
44. Diagrammatic cross section through the skin (organ of sense skin)

Teeth:
45. Cranium with teeth in cross section
46. Molar and incisor in cross section
The following materials are available for use in classroom instruction:
- 80 colour transparencies for daylight projection (21 cm x 30 cm) with detailed illustrations of organs.
- Also included are worksheets which can be copied for the students and
- Information for the teacher with answers to the worksheets, as well as explanations of the individual topics and suggestions for lesson plans.

The Transparency Atlas "Menschenkunde und Gesundheitserziehung" ("Anatomy and Health Education") according to Scharf/Jungbauer is available only in German.
**Band 2**

- Folie 44: Der Kehlkopf
- Folie 45: Lunge/Bau
- Folie 46: Lunge/
  Bronchialbaum
- Folie 47: Lunge/Bronchien
- Folie 48: Lunge/
  Lungenentzündung
- Folie 49: Lunge/Embolie
- Folie 50: Die Haut
- Folie 51: Wundeheilung
- Folie 52: Die Kratzmilbe
- Folie 53: Das Haar
- Folie 54: Sprossen Haar
- Folie 55: Fettiges Haar
- Folie 56: Gehirn/Bau
- Folie 57: Gehirn/Schlaganfall

- Folie 58: Gehirn/ Gehirn-
  verletzungen
- Folie 59: Gehirn/
  Hypothalamus
- Folie 60: Nervensystem/
  Nervenzelle
- Folie 61: Nervensystem/
  Røckenmark
- Folie 62: Vegetatives
  Nervensystem
- Folie 63: Die Niere/Bau
- Folie 64: Nierensteine
- Folie 65: Hormone/
  Hypophyse
- Folie 66: Hormone/
  Schilddrüse
- Folie 67: Hormone/
  Nebenniere

- Folie 68: Die Milz
- Folie 69: Fortpflanzung/
  Weibliche Geschlechtsorgane
- Folie 70: Fortpflanzung/
  Männliche Geschlechtsorgane
- Folie 71: Fortpflanzung/
  Embryonal-
  entwicklung
- Folie 72: Stoffwechsel-
  störungen
- Folie 73: Stoffwechsel-
  störungen/Gicht
- Folie 74: Vitaminmangel
- Folie 75: Infektionskrank-
  heiten/Grippe

- Folie 76: Infektionskrank-
  heiten/Mandelentzündung
- Folie 77: Fieber
- Folie 78: Infektabwehr
- Folie 79: Wundstarrkampf
- Folie 80: Die Allergie
Anatomy, 9 Series 33 Colour Slides with Text

1. Brain and spinal cord
2. Sagittal section with skull
3. Ventricles

Endocrine Glands
1. Position of glands (schema)

Chest Cavity
1. Position of thoracic organs
2. Heart conduction system
3. Lungs (embedded specimen)
4. Lungs (embedded specimen, section)
5. Lungs, vascular injection
6. Heart with injected vessels, ventral
7. Heart with injected vessels, dorsal

Abdominal Cavity
1. Stomach, vascular injection
2. Stomach, vascular injection (section)
3. Intestine vascular injection
4. Liver, vascular injection
5. Liver with impregnated bile duct (micro)
6. Liver (embedded specimen)

Urinary Organs
1. Kidney, injected

Ventral Hernias
1. Schema

General Histology, 8 Series, 52 Colour Slides

The Cell
1. Schema
2. Cell of ovum
3. Cell of semen
4. Division of cell, prophase
5. Division of cell, metaphase
6. Division of cell, anaphase
7. Division of cell, telophase
8. Isolated cylindrical cell
9. Isolated fibroblast
10. Intercellular bridges
11. Phagocytosis I
12. Phagocytosis II

Epithelial Tissue
1. Keratinizing stratified epithelium
2. Non-keratinizing stratified epithelium
3. Cubic epithelial
4. Cylindrical epithelial, single-layered
5. Cylindrical epithelial, single-layered with cilia
6. Multi-layered cylindrical epithelial
7. Transitional epithelium
8. Endothelium

Glandular Epithelium
1. Calcium-forming cells
2. Sebaceous gland
3. Scent glands
4. Zymogen granules in pancreas

Connective Tissue
1. Mesenchymo
2. Muscular tissue
3. Reticular tissue
4. Structure of reticular fibre (liver)
5. Fibroblasts loose connective tissue
6. Firm connective tissue
7. Retiform connective tissue
8. Adipose tissue

Cartilage Tissue
1. Hyaline cartilage
2. Elastic cartilage
3. Connective tissue cartilage

Bone Tissue
1. Bone cells
2. Compact bone
3. Polarized section of bone
4. Cancellous bone
5. Osteoclasts
6. Osteoblasts
7. Bone growth

Muscular Tissue
1. Plain muscular fibres
2. Transversely striated muscular fibres
3. The cardiac muscle

Nervous Tissue
1. Ganglion cell
2. Nerve cell with apophysis
3. Glial and ganglion cells
4. Motor end-plates
5. Pacinian corpuscles
6. Meissner's corpuscles

Special Histology
15 Series, 52 Colour Slides

The Vascular System
1. Capillaries
2. Elastic arteries
3. Muscular arteries
4. Lymphatic vessel with valve, cross-section

The Lymphatic Organs
1. Lymphatic nodules
2. Lymph nodes: schema
3. Lymph nodes: reticulum and lining cells
4. Spleen (schema)
5. Hasele's corpuscles

The Endocrine Organs
1. Thyroid gland
2. Interalveolar cell-islet
3. Pituitary gland: anterior lobe cells
4. Ovarium, follicle
5. Ovarium, luteum bodies

The Salivary Glands
1. Serous acini
2. Mucous acini
3. Mixed acini
4. Excretory duct
5. Intercalated duct with secretion tube

The Oral Cavity
1. Incisors, longitudinal section
2. Filiform papillae
3. Fungiform papillae
4. Vallate papillae
5. Taste bud

The Gastro-Intestinal Canal
1. Cardia
2. Gastric fundus with delomorphous and delomorphous cells
3. Pyloric glands
4. Intestinal villus
5. Kerckring's folds

The Liver
1. Liver, schema
2. Liver lobules (pig's liver)

Respiratory Organs
1. Larynx, longitudinal
2. Lung, elastic fibres
3. Lung, covering epithelium

The Kidney
1. Kidney (top view)
2. Cortex: glomerulus - main section - junctional section
3. Medulla: loops and collecting ducts

The Uterus
1. Proliferation phase
2. Secretion phase
3. Placenta

The Breast
1. Lactating mammary gland
Haematology 12 Series, 59 Colour Slides with Text

31150 Blood Composition
1. General composition (macro)
2. Composition of the blood (schematic form)
3. Development of the blood cells
4. Eosinophil granulocyte
5. Basophil granulocyte
6. Neutrophil granulocyte
7. Lymphocytes
8. Blood monocytes
9. Lympholytic monocytes
10. Composition of the blood plasma (schematic form)

31151 Main Functions of the Blood
1. Circulation of matter (schematic form)
2. Protective function (schematic form)
3. Regulating the water balance (schematic form)

31152 Blood Groups
1. Experimental blood group determination (macro)
2. Effect of blood groups (macro)
3. Agglutination and its absence (micro)

31153 Red Blood Corpuscles
1. Normal red blood corpuscles and thrombocytes
2. Reticulocytes (proerythrocytes)
3. Karyorrhexis patterns
4. Development and maturation, core classification (schema)
5. Hemolysis, reduction of hemoglobin (schema)

31154 Changes in the Volume of the Blood
1. Schema

31155 Aplastic Anaemia
1. Blood film
2. Bone marrow, fat marrow (micro)
3. Bone marrow fibrosis (section)
4. Carcinosis of the bone marrow (macro)
5. Carcinosis of the bone marrow (micro)
6. Necrotic tonsillitis (histological)

31156 Megaloblastic Anaemia
1. Blood smear
2. Bone marrow smear
3. Hunter’s glossitis and skin colouring
4. Regeneration after Vitamin B12 therapy (schema)

31157 Iron Deficiency Anaemia
1. Blood smear
2. Bone marrow smear
3. Anaemic skin colouring
4. Iron resorption

31158 Haemolytic Anaemia
1. Schematic diagram
2. Blood smear
3. Bone marrow smear
4. Coloured spleen with hyperhaemolysis

31159 Foetal Erythroblastosis
1. Enlargement of the liver and spleen
2. Bilirubin infarct in the kidney (micro)
3. Kernicterus in the brain
4. Haematopoiesis in the liver (micro)

31160 Leukosis and Glandular Fever
1. Myelocytic leukemia (blood)
2. Lymphocytic leukemia (blood)
3. Monocytic leukemia (blood)
4. Infantile leukosis (blood)
5. Paramyeloblastosis with Auer’s bodies (blood)
6. Infectious mononucleosis (blood smear)
7. Infectious mononucleosis (clinical photograph)
8. Spleen spread (schema)

31161 Bleeding and Clotting
1. Thrombopoiesis (schematic form)
2. Blood clotting (schematic form)
3. Haemorrhagic purpura
4. Haemophilia, knee joint
5. Haemophilia, injection puncture
6. Osler’s disease (macro)
7. Cholemic bleeding

Physiology
8 Series, 42 Colour Slides with Text

31200 Circulation
1. Heart, atriole-diastole
2. Heart, valvar action
3. Ventricular defect: stenosis
4. Valvular defect: insufficiency
5. Schematic diagram of the circulatory system
6. Venous thrombosis of the leg-pulmonary embolism
7. Thrombosis of the leg-organic embolism
8. Venous thrombosis of the leg-paradoxical embolism
9. Functioning of the heart
10. Portal circulation
11. Lymph path

31201 Respiratory Organs
1. Swallowing & breathing
2. Gaseous interchange

31202 Digestion
1. Main nutrients
2. Oral cavity - stomach
3. Intestine
4. Digestive juices in the intestine
5. Combination of digestive juices
6. Resorption in the intestine
7. Path of the resorbed food components
8. Intermediary metabolism (schematic form)
9. The end products

31203 The Liver
1. Bile formation
2. Forms of jaundice

31204 Hemolysis, reduction of hemoglobin (schema)

31205 Internal Secretions
1. Regulation in schematic form

31206 The Kidney
1. Function of the kidneys, schematic form
2. Glycosuria
3. Nephrosis
4. Nephrosclerosis
5. Glomerulonephritis

31207 The Nervous System
1. The reflex arc
2. Irritation and response
3. The autonomous nervous system
4. Vision
5. Hearing

31208 The End Products

31209 Embryonic Kidney

31250 Development 6 Series, 42 Colour Slides with Text

31251 Testicles and Formation of Spermatozooids
1. Testicle, cross-section
2. Maturation of the spermatozooid
3. Development of the spermatozooid
4. Spermatozooids

31252 Fertilization
1. Act of fertilization (schema form)
2. Penetration of the spermatozooid into the ovum
3. Maturation division

31253 Segmentation and Gastrulation
1. Dizygotic phase
2. 4-cell phase
3. 64-cell phase
4. Morula
5. Blastula
6. Gastrulation, schematic form
7. Gastrula
8. Implantation in the uterus

31254 Foetal Envelopes and Cell Layers
1. Foetal envelopes, schematic form
2. The development phases, schematic form
3. Neural groove, cross-section
4. Neural tube, cross-section
5. Conversion of the mesoderm, schematic form

31255 Development of External Body Shape and Organs
1. Formation of external shape, schematic diagram
2. 14-day-old foetus (macro)
3. Dizygotic twins (macro)
4. 3-month-old foetus (macro)
5. Development of the bones
6. Embryonic heart
7. Embryonic small intestine
8. Embryonic lung
9. Development of the brain
10. Development of the eye
11. Embryonic kidney
2. Open foramen, oval

1. Heart dividing wall defect

2. Fibroma (micro)
3. Scar (micro)
4. Fibrous pneumonia
5. Bronchiectasis (macro)
6. Pulmonary emphysema
7. Pneumoconiosis (macro)
8. Pneumoconiosis (micro)
9. Pulmonary emphysema

Tumours

3. Myoma (macro)
4. Spindle cell sarcoma
5. Glioma (micro)
6. Ovarii adenoma (micro)
7. Adenocarcinoma (macro)
8. Callus (micro)
9. Vascular carcinoma

Bone Marrow

1. Aplasia
2. Red bone marrow (macro)
3. Red bone marrow (micro)
4. Fat marrow

Blood

1. Lymphatic leukemia - bone marrow smear
2. Lymphatic leukemia - bone marrow
3. Lymphatic leukemia - lymph node (macro)
4. Lymphatic leukemia - lymph node (micro)
5. Lymphatic leukemia - spleen (macro)
6. Lymphatic leukemia - spleen (micro)
7. Myeloid leukemia - enlargement of liver and spleen

Intestines

1. Meckel’s diverticulum
2. Polyposis intestinalis
3. Duodenal ulcer
4. Tuberculosis of the small intestine
5. Typhus ulcer

Liver

1. Fatty liver (macro)
2. Fatty liver (micro)
3. Atrophic liver cirrhosis (macro)
4. Atrophic liver cirrhosis (micro)
5. Primary liver carcinoma (macro)
6. Primary liver carcinoma (micro)
7. Liver metastasis with rectum melanoma
8. Stone gallbladder

Spleen

1. Spleen rupture
2. Lymphogranulomatosis (macro)
3. Lymphogranulomatosis (micro)
4. Amyloidosis (macro)
5. Amyloidosis (micro)

Spleen

1. Spleen rupture
2. Lymphogranulomatosis (macro)
3. Lymphogranulomatosis (micro)
4. Amyloidosis (macro)
5. Amyloidosis (micro)
**Locomotor System**
5 colour slides with text
1. Abaxessing osteomyelitis in tibia head
2. Chronic osteomyelitis
3. Ostitis fibrosa cystica generalisata
4. Bone fracture
5. Carcinoma metastasis

**Skin**
4 colour slides with text
1. Urticaria
2. Ichthyosis
3. Lupus vulgaris
4. Patchy hairy nevus

**Nervous System**
14 colour slides with text
1. The most common myomas of the uterus (scheme diagram)
2. Uterus myoma (macro)
3. Papillary ovarian cystoma (macro)
4. Teratoma on the area of the coccyx (operation photograph)
5. Benign cystic tumour of the kidney in new born baby, closed (operation photograph)
6. Benign cystic tumour of the kidney in new born baby, opened up (operation photograph)
7. Fibro-adenoma of the mammary gland (micro)
8. Parathyroid gland tumour
9. Chondroma of the rib (micro)
10. Hemangiomata of the conjunctiva (clinical photograph)
11. Cavernous angiomata (micro)
12. Patchy nevus on the head (clinical photograph)
13. Nevus on the cheek (clinical photograph)
14. Pigmented papilloma (micro)

**Infectious Diseases**
12 colour slides with text
1. Tuberculous lymph node swelling
2. Lymph node tuberculosis (macro)
3. Langhans’ giant cells
4. Miliary tuberculosis
5. Primary effect on the vulva
6. Extensive glioma with haemorrhage

**Benign Tumours**
14 colour slides with text
1. The most common myomas of the uterus (scheme diagram)
2. Uterus myoma (macro)
3. Papillary ovarian cystoma (macro)
4. Teratoma on the area of the coccyx (operation photograph)
5. Benign cystic tumour of the kidney in new born baby, closed (operation photograph)
6. Benign cystic tumour of the kidney in new born baby, opened up (operation photograph)
7. Fibro-adenoma of the mammary gland (micro)
8. Parathyroid gland tumour
9. Chondroma of the rib (micro)
10. Hemangiomata of the conjunctiva (clinical photograph)
11. Cavernous angiomata (micro)
12. Patchy nevus on the head (clinical photograph)
13. Nevus on the cheek (clinical photograph)
14. Pigmented papilloma (micro)

**Malignant Tumours: Respiratory and Digestive Organs**
7 colour slides with text
1. Cancer of the larynx (macro)
2. Lung cancer (macro)
3. Cancer of the tongue (macro)
4. Cancer of the trachea (macro)
5. Sarcoma angulare cancer in the spleen (macro)
6. Sarcoma angulare cancer in the spleen (macro)
7. Cancer metastasis in the liver (macro)
8. Cancer metastasis in the liver (macro)

**Malignant Tumours: Liver, Pancreas, Kidneys**
8 colour slides with text
1. Cancer metastasis in the liver (macro)
2. Cancer metastasis in the liver (macro)
3. Primary cancer of the liver (macro)
4. Primary cancer of the liver (macro)
5. Lesion of the pancreas (macro)
6. Lesion of the pancreas (macro)
7. Cancer of the kidney (macro)
8. Cancer of the kidney (macro)
9. Hypernephroidic cancer of the kidney (macro)

**Malignant Tumours: Brain**
4 colour slides with text
1. Oligo in the temple lobe (macro)
2. Oligo in the temple lobe (macro)
3. Oligo with extensive haemorrhage (macro)
4. Angiosarcoma in the small angle of the bridge (macro)

**Malignant Tumours: Skin and Spleen**
13 colour slides with text
1. Glioma in the temple lobe (macro)
2. Glioma in the temple lobe (macro)
3. Glioma with extensive (macro)
4. Caseating double-sided kidney tuberculosis
5. Small intestine tuberculosis
6. Carcinoma of the breast (micro)
7. Cancer of the breast (micro)
8. Cancer of the breast (micro)
9. Breast cancer (micro - 120:1)
10. Breast cancer (micro - 36:1)
11. Breast cancer (micro - 40:1)
12. Breast cancer (micro - 40:1)
13. Breast cancer (micro - 40:1)
15. Breast cancer (micro - 40:1)
16. Breast cancer (micro - 40:1)
17. Breast cancer (micro - 40:1)
18. Breast cancer (micro - 40:1)
20. Breast cancer (micro - 40:1)
22. Breast cancer (micro - 40:1)

**Malignant Tumours: Liver, Pancreas, Kidneys**
27 colour slides with text
1. Tuberculous meningitis
2. Tumour invested stomach (macro)
3. Primary complex (macro)
4. Encapsulated tuberculosis focus (macro)
5. Exudative pulmonary tuberculosis (macro)
6. Cheesy pneumonia (macro)
7. Bronchogenic spread in the lung (scheme diagram)
8. Lymph node swelling on the neck (clinical photograph)
9. Lymph node swelling in the armpit (clinical photograph)
10. Lymph node tuberculosis (macro)
11. Lymph node tuberculosis (macro)
12. Large knot spleen tuberculosis (macro)
13. Kidney tuberculosis (macro)
14. Caseating double-sided kidney tuberculosis
15. Small intestine tuberculosis

**Malignant Tumours: Kidney, Liver, Pancreas**
8 colour slides with text
1. Cancer metastasis in the liver (macro)
2. Cancer metastasis in the liver (macro)
3. Primary cancer of the liver (macro)
4. Primary cancer of the liver (macro)
5. Cancer of the pancreas (macro)
6. Cancer of the pancreas (macro)
7. Cancer of the kidney (macro)
8. Cancer of the kidney (macro)
9. Primary cancer of the liver (macro)
10. Primary cancer of the liver (macro)
11. Primary cancer of the liver (macro)
12. Primary cancer of the liver (macro)
13. Primary cancer of the liver (macro)
14. Primary cancer of the liver (macro)
15. Primary cancer of the liver (macro)
16. Primary cancer of the liver (macro)
17. Primary cancer of the liver (macro)
18. Primary cancer of the liver (macro)
19. Primary cancer of the liver (macro)
20. Primary cancer of the liver (macro)
21. Primary cancer of the liver (macro)
22. Primary cancer of the liver (macro)
22. Lymphatic leukemic infiltration in the kidney (micro - 160:1)
23. Lymphatic leukemic infiltration in the musculature (micro - 130:1)
24. Lymphatic leukemic infiltration in the myocardium (micro - 130:1)
25. Lymphatic leukemic infiltration in the lung (micro - 38:1)
26. Enlargement of the lymph glands (clinical photograph)
27. Bone marrow with lymphatic leukemia (micro - 30:1)
28. Bone marrow with lymphatic leukemia (macro)
29. Skin bleeding (clinical photograph)

314001 Vesicles and Haemorrhage of the Skin
9 colour slides with text
1. Varices
2. Telangiectasia
3. Neves telangiectaticus
4. Neves anaemicus
5. Seniles angioma
6. Planes hemangioma
7. Irradiated hemangioma
8. Tuberous hemangioma
9. Purpura senilis

34002 Eczema, Erythema, Exanthema
9 colour slides with text
1. Acute contact eczema
2. Chronis contact eczema
3. Bacterial eczema
4. Seborrhoeicum eczema
5. Nummular seborrhoeic eczema
6. Psoriasis
7. Pneumococci
8. Streptococcus pyogenes
9. Staphylococcus aureus
10. Bacterium tuberculosis

34003 Skin Diseases caused by Germs
6 colour slides with text
1. Superficial trichophytosis
2. Deep trichophytosis
3. Pyoderma
4. Carbuncle
5. Bullous pyoderma
6. Herpes simplex
7. Zoster scars
8. Insect bites

34004 Cornification and Embdement
4 colour slides with text
1. Palmar hyperkeratosis
2. Ichthyosis nita
3. Keratoma senile
4. Verrucous pigmented nevus

34005 Skin Growths
11 colour slides with text
1. Seborrhoeic warts
2. Vulgar warts
3. Fibromatoid nevus
4. Nevus papillomatous
5. Koenen tumour
6. Knuckle pads
7. Keloid
8. Basaloma
9. Canceroid
10. Morbus paget
11. Malignant lymphoma

34006 Atrophies and Scherosis
6 colour slides with text
1. Scar sclerosis
2. White atrophy
3. Dermatosclerosis
4. Dupuytren’s contracture
5. Radiation calloities
6. Cutis rhomboidalis

34007 Skin Appendages
10 colour slides with text
1. Nails
2. Nail dystrophy
3. Unguis hippocratici
4. Trichomyocasia
5. Acne, comedo
6. Miliary
7. Sebaceous gland nevus
8. Sweat gland abscesses
9. Sweat purpura
10. Mamilla accessorius

34008 Mucosa Changes
6 colour slides with text
1. Leukoplakia
2. Stomatitis aphthosa
3. Trichoglossia
4. Bacterial eczema
5. Mucous cyst
6. Stomatitis aphthosa
7. Acute contact eczema

34009 Syndromes, Reactions, etc
3 colour slides with text
1. Leukoplakia
2. Nails
3. Nail dystrophy
4. Unguis hippocratici
5. Trichomyocasia
6. Acne, comedo
7. Miliary
8. Sebaceous gland nevus
9. Sweat gland abscesses
10. Mamilla accessorius

34011 Vessels and Haemorrhage of the Skin
9 colour slides with text
1. Varices
2. Telangiectasia
3. Neves telangiectaticus
4. Neves anaemicus
5. Seniles angioma
6. Planes hemangioma
7. Irradiated hemangioma
8. Tuberous hemangioma
9. Purpura senilis

34002 Eczema, Erythema, Exanthema
9 colour slides with text
1. Acute contact eczema
2. Chronic contact eczema
3. Bacterial eczema
4. Seborrhoeicum eczema
5. Nummular seborrhoeic eczema
6. Psoriasis
7. Pneumococci
8. Streptococcus pyogenes
9. Staphylococcus aureus
10. Bacterium tuberculosis

34003 Skin Diseases caused by Germs
6 colour slides with text
1. Superficial trichophytosis
2. Deep trichophytosis
3. Pyoderma
4. Carbuncle
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CLA offers the complete range of SOMSO anatomical models. The Zoology and Botany Catalogue is also available on demand.

Anatomy

ANATOMY 1
Muscular Figures, Torso Models

ANATOMY 2/3
Head, Nervous Systems

ANATOMY 4
Eye

ANATOMY 5
Ear

ANATOMY 6
Teeth and Jaw

ANATOMY 7/8
Nose and Tongue, Larynx

ANATOMY 9
Circulatory Organs

ANATOMY 10
Digestive Organs

ANATOMY 11
Anatomy of Skin and Hair

ANATOMY 12
Urinary Organs

ANATOMY 13
Genital Organs, Embryonic Development, Birth, Baby Care

ANATOMY 14
Extremities and Joints

ANATOMY 15
Pathological Collections

ANATOMY 16
Artificial Bone Models

ANATOMY 17
Documentation of Racial Origins

Please note

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