WAKE FOREST		d Operating dure (SOP)	BIOHAZARD					
HUMAN GROSS ANATOMY								
Effective Date:	Effective Date: 8/23/2013 Revised Date: 8/23/2022							
Introduction								
• This SOP applies to HUMAN GROSS ANATOMY laboratory. This lab is operated through the Department of Health and Exercise Science.								
General Lab Rules								
<ol> <li>No eating, drinking, smoking, handling contact lenses, or applying cosmetics in the laboratory.</li> <li>Persons shall wear buttoned lab coats, long pants, safety glasses or goggles and appropriate gloves when working with hazardous chemicals.</li> <li>All procedures are performed carefully to minimize the creation of splashes or aerosols.</li> <li>Wash hands:         <ul> <li>after handling chemicals materials,</li> <li>after removing gloves, and</li> <li>before leaving the laboratory.</li> </ul> </li> </ol>								
1. Human Gross Anato	my Lab Specific Rules.							
<i>receive permission</i> your dissection.	Access to the lab is restricted to faculty, HES 352 students and Anatomy TAs only. You must receive permission from the Lab Director before <u>ANY</u> guest may be brought into the lab to see your dissection.							
lab for any reason	All lab materials must remain in the lab at all times. At no time may any lab materials leave the lab for any reason without permission of the Lab Director (including any cadaveric parts, osteology samples, lab models, and desk copies of textbooks).							
• • •	Photography is strictly prohibited in the lab.							
All eating and drinking (including water, coffee and soft drinks) are prohibited in the lab at all times (24 hours a day, 7 days a week).								
<ul> <li>Smoking and the use of smokeless tobacco products are prohibited throughout the building.</li> </ul>								
2. Rules for Anatomy Teaching Assistants (TAs).								
dissection. All TAs	are expected to attend	these sessions.	Lab Directors will supervise the					
dissection on their	own or with your dissec	tion group before th	d to complete any unfinished ne next week's dissection lab.					
	e responsible for supervi are to arrive 5 minutes		period per week.					



## Standard Operating Procedure (SOP)



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- TAs are to make specimens available to the students. ONLY the TAs are to remove the specimens from their containers and place them in the dissecting trays. ONLY TAs are to return the specimens to the containers, making sure to use protective glasses incase of a splash or spill.
- ➤ TAs are to be available to answer student questions. This means that you must be prepared and not doing your own work as long as at least one student in the lab.
- Clean up the lab at the end of the period, including tables, counters, etc. The lab should be spotless when you leave.
- > Always abide by the rules contained in this document.

#### **Proper Use of Dissection Tables**

**Do NOT push or move the dissection tables** or unlock the table wheels for any reason at any time. Downdraft tables are attached to wall duct work to remove volatile embalming vapors and should not be moved for any reason.

**Dissection tables can be opened by one person but are best locked in place under the table with two people.** First open and remove the books, instruments and gloves that your group will need from their underlying storage compartment. Then grab the central handle of the table cover and pull back to open the table. If possible, get a nearby student to help you latch the table cover on one side. Working together with a neighbor, swing the cover under the table and latch the covers in place (the proper technique will be demonstrated during lab orientation). Repeat the process when you open the cover on the opposite side.

**Do NOT place tissue removed from the body on the table surface.** The table surface contains many perforated holes elevated above a collecting trough. These holes are used to remove potentially harmful vapors and fluids. When you remove tissue from the body (i.e. skin, fat, fascia etc.) do not simply lay it on the surface where it can clog these holes and interfere with downdraft. Each dissection table has a 5 gallon white round plastic container for human waste disposal. This container is for ALL human tissues removed from the body (skin, fascia, fat etc.) and is sealed when full.

**Desiccation prevention**. To prevent a skilled dissection from being ruined by unwanted drying, follow these required steps. First use the spray bottle to wet dissected surfaces of the body (it is not necessary to wet or wrap areas that have not yet been skinned or dissected). Where possible close the dissected area with skin. Then before you close the tables, cover these surfaces with a blue wrapper saturated with spray bottle Carosafe to prevent desiccation. Apply the wrap to the dissected surfaces of the body. Only the necessary quantity of wrapping material is required to prevent direct exposure to air. When viewing the bodies dissected by other groups in the afternoon, at night or on weekends; REMEMBER to always wrap the cadaver **IMMEDIATELY** after viewing to prevent desiccation.

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finish and close the covers at the end of the lab session responsible to keep the su When you close the table,	truments or gloves on your . All of these items must be on or when you finish disse rface of your table and you only the cadaver, the book man waste) should remain	e placed neatly in t cting at other time Ir assigned work ar sstand, the spray b	he appro s. Your g ea as cle ottle and	priate storage containers roup will be held an as possible at all times the 5 gallon white plastic
Health Hazards				
	for information on health h TE for information on blead		nical.	
Be careful to avoid self-inf hemostat in your dissectio	licted wounds at all times! In kits to add or remove a s	• •		

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<ul> <li>If the last monitori repeat monitoring</li> <li>Regulated areas wi Weighted Average</li> </ul>	e the Short Term Exposure ng results reveal employee of the faculty, staff, and/o here the concentration of a (TWA) or the Short Term E ith signs bearing the follow	e exposure at or a r students. airborne formalde Exposure Limit (ST	ehyde <u>exc</u>	eeds either the Time
	DAN FORMAL IRRITANT AND POTEN AUTHORIZED PE	DEHYDE TIAL CANCER HA	ZARD	
ersonal Protective Equip	ment			
Gloves Disposable, single use glove	es must be worn when it ca rials may occur and when l	•		

## Lab Coats

Appropriate protective clothing such as, but not limited to, splash protective gowns, coveralls, aprons, lab coats, clinic jackets, or similar outer garments shall be worn during occupational exposure situations. The type and characteristics will depend upon the task and degree of exposure anticipated. Surgical caps, hoods, and shoe covers shall be worn in instances when gross contamination can be reasonably anticipated.

## Mask/Shields

Face masks, in combination with eye protection devices, such as goggles or full face shields must be worn whenever splashes, spray, spatter, or droplets of blood or other potentially infectious materials may be generated where eyes, nose, or mouth contamination can be anticipated.

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do not mark the floor. Do not wea hence, they are not required to v	n toe shoes at any t ended periods of st r contact lenses in t <b>rear lab coats or pr</b> e containers and w	time. Shoes that H anding. If shoes h the lab. <b>Students</b> otective glasses. T hile at the dissection	have good cushioning and arch ave black rubber soles be sure they will not dissect the cadavers; They are required to wear gloves ng tables examining the cadavers.
What NOT to wear: Shorts. Oper	n toe shoes.		
Work Practices			
The area separate from the dissec skeletons. While in this area, wea			work on specimens, models, and if a specimen is being studied.
Specimens of segments have been examinations. These sections are handle the specimens. Be sure yo specimen – return it to the counte SPECIMENS TO THE CONTAINERS Proper Use of Osteology Specime Osteology specimens should neve	stored in containers u handle the specim er. <b>ONLY TAs OR CL</b>	s on shelves in a w eens with care. Wl ASS INSTRUCTORS the lab and alway	all cabinet. You will need gloves to nen you have finished using a <b>S ARE PERMITTED TO RETURN THE</b> s stored in the group container.
handle the specimens. Be sure yo	stored in containers u handle the specim er. <b>ONLY TAs OR CL</b>	s on shelves in a w eens with care. Wl ASS INSTRUCTORS the lab and alway	all cabinet. You will need gloves to nen you have finished using a <b>S ARE PERMITTED TO RETURN THE</b> s stored in the group container.

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<ul> <li>Place all used blades in the specific sharps disposal container provided for your group. Each sharps disposal container has a window, if you cannot see inside this window then have a taller classmate dispose of your blade. When a sharps container is ¾ full, seal the container and place it in the Biohazard Waste box.</li> </ul>								
Emergency Numbers								
Fire and Medical Emergencies		x5911 (911	on cell ph	one)				
Environmental Health and Safety		x3427	x3427					
FastMed Urgent Care (employees	.)	(336) 714-4	(336) 714-4616					
Student Health (students only)		x5218						
Poison Control								
Poison Control		800-222-12	22					
Poison Control First Aid		800-222-12	22					
First Aid CHEMICAL EXPOSURE 1. In case of skin contact: Tal shower for at least 15 min	utes. Call x5911 for	clothing and sho medical assistance	es immed					
First Aid CHEMICAL EXPOSURE 1. In case of skin contact: Tal shower for at least 15 min 2. In case of eye contact: Rin and call x5911 for medical	utes. Call x5911 for se thoroughly with     assistance.	clothing and sho medical assistand plenty of water a	es immec ce. t eyewash	for at least 15 minutes				
First Aid CHEMICAL EXPOSURE 1. In case of skin contact: Tal shower for at least 15 min 2. In case of eye contact: Rin and call x5911 for medical 3. If swallowed: Do NOT indu Rinse mouth with water. C	utes. Call x5911 for se thoroughly with assistance. uce vomiting. Never Call x5911 for medic	clothing and sho medical assistand plenty of water at give anything by al assistance.	es immec ce. t eyewash	for at least 15 minutes				
First Aid CHEMICAL EXPOSURE 1. In case of skin contact: Tal shower for at least 15 min 2. In case of eye contact: Rin and call x5911 for medical 3. If swallowed: Do NOT indu	utes. Call x5911 for use thoroughly with lassistance. uce vomiting. Never Call x5911 for medic ne extent of injuries.	clothing and sho medical assistand plenty of water a give anything by al assistance.	es immec ce. t eyewash mouth to	for at least 15 minutes an unconscious person.				
First Aid CHEMICAL EXPOSURE 1. In case of skin contact: Tal shower for at least 15 min 2. In case of eye contact: Rin and call x5911 for medical 3. If swallowed: Do NOT indu Rinse mouth with water. C 4. Call x5911 and describe th 5. Report all accidental expo	utes. Call x5911 for use thoroughly with assistance. uce vomiting. Never Call x5911 for medic ne extent of injuries. sures to EHS and Hu	clothing and sho medical assistand plenty of water at give anything by al assistance.	es immec ce. t eyewash mouth to employee	s) or Student Health				

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- If you cut yourself then use direct pressure immediately applied with a clean paper towel directly on the laceration. Go to a nearby sink and flush the open wound with copious amounts of water. Apply additional direct pressure until all of the bleeding has stopped. Then, apply antiseptic and a sterile pressure dressing when bleeding to the washed wound has subsided.
- 2. A puncture wound should instead be made to bleed immediately to better wash out the wound. If you have punctured (not cut) your hand then rapidly spin your arm in windmill fashion to encourage bleeding by centripetal force. Go to a nearby sink, wash the puncture and repeat the process to encourage more bleeding. After again washing with copious amounts of water, apply antiseptic to the surface of the puncture and a sterile pressure dressing.
- 3. Report ALL injuries to an instructor immediately. Present to the Student Health Center or Emergency Room if the injury is serious or progressing badly. In addition to the instructor all injuries or potential bio-hazard exposure (cuts, puncture, etc) should be reported to the professor, facilities coordinator, and the EHS Office. All information is kept strictly confidential.

## Spill and Accident Procedures

If you should accidentally spill human tissue (removed fat or fascia) or accidentally spill fluid (embalming fluid) on the floor around your table it should be reported to the Lab Director/technician immediately. Isolate the area to prevent others from tracking contaminated fluids on their shoes around the room. The lab technician/director should report the spill immediately to EHS.