Department/Work Area: Laboratory Specific Location: Assessed By: Occupation: Laboratory Assistant Contact Name: Assessment Date:

Task List Worksheet

Job Summary: Performs tests such as urine analysis and glucose monitoring and operates related equipment. Takes blood from patients, collects and prepares blood and other specimens for analysis.

Where possible, transfer list of job tasks from job description onto this sheet. Determine whether ergonomics (MSI) risk assessment is required, if no, provide rationale.

Ta	sks and Description of Activities	Frequency/Duration	Risk Assessment Required?
1.	Takes blood samples from patients and labels relevant information.		
2.	Prepares and analyze specimens e.g. blood and urine analysis, checking specimen identification with requisitions, performing duties such as separating serum/plasma from cells by centrifugation.		
3.	Accessioning area: Batches specimens for distribution to various areas or laboratories for testing ("box" area)		
4.	Receives patients, obtains information required from patients such as demographics.		
5.	Cleans work area, including storing of specimens for which analysis has been completed and discarding outdated specimens as directed, cleaning wash-up area and frozen section room.		
6.	Performs clerical functions such as recording unit values of test results by entering information from requisitions, telephoning test results as required, making appointments, typing and filing.		
7.			
8.	Performs routine lab tests such as urine tests for protein and/or glucose by procedures such as using colour coded dips stick, urine analysis machine and glucometer.		
ТО	TĂL	100%	

Department/Work Area: Laboratory Specific Location: Assessed By:	Occupation: Laboratory Assistant Contact Name: Assessment Date:
Description of workstation:	

Hours of Work/Shift Schedule: Discomfort noted on surveys:

Tasks for Ergonomics Risk Assessment (from Task Analysis worksheet):	Frequency	Frequency of Task:			
1. Taking blood samples.					
2. Accessioning area: batching specimens for distribution.					
3. Receiving patients.					
4. Cleaning equipment.					
5. Performing various clerical duties e.g. entering requisitions; answering phone etc.					

	Task	Risk Factors	Freq/Dur	Mag/Range		Assessment / Observations / Comments	Risk Factors to consider:
IDENTIFICATION	Taking blood samples	Awkward posture			ASSESSMENT	 Variety of postures required when taking blood samples depending on the position (e.g., in bed, in wheelchair, in outpatient lab) and location of patients (e.g. tight corners in Emergency cubicles, crowded in 4-bed rooms with furniture). May get in awkward postures to retrieve supplies from cart while taking sample. Out-patient labs have height adjustable chairs and stools available to improve positioning; arm rests can be raised to reduce trunk flexion and to allow for sitting or standing posture; adjustable stretcher (can adjust height); and moveable table on casters. May be in awkward postures (e.g. leaning) when taking samples from patients. Need to consider proper body mechanics (sitting or standing posture). Use chairs/stools for sitting instead of bending and leaning and bedside tables for writing as appropriate. Adjust bed heights to improve positioning. Portable stools may be useful for longer rounds. 	 Joint posture: wrist, elbow, shoulder, neck, back, knees Awkward posture: reach, twist, bend, stoop, squat, climb, static Force: lift, lower, carry, push/pull, pinch or power grip, surface Repetition, frequency, duration, exposure IObject weight, location, size, shape, handles, stability Work height, layout, seating, space Tool/equipment use IContact Stress Environment: layout, flooring, temp., noise, light, glare, vibration Work Organization:
		Static postureForce				 Posture may be sustained while drawing sample for 2-3 minutes, must also apply force (e.g., put on tourniquet, apply pressure). Other postures including walking are interspersed between taking samples; especially on rounds. Consider proper body mechanics to optimize posture. 	recovery, schedule, workload, task variability, pace, PPE use, interruptions ⁻ Psychosocial variables ⁻ Other

Department/Work Area: Laboratory	Occupation: Laboratory Assistant
Specific Location:	Contact Name:
Assessed By:	Assessment Date:

	Task	Risk Factors	Freq/Dur	Mag/Range		Assessment / Observations / Comments
	Taking blood sample (continued)	Force (push/pull)			_	 Carts modified with improved handle; raised to provide additional clearance for leg room. Push/pull forces are within guideline limits (Snook). ECU cart could be modified with bigger wheels (required to go outdoors).
		 Force (pinch grip) 				 Handwriting required for each patient; e.g. labels, results. Need to use special marker to prevent smudging.
ENTIFICATION		Work Organization			SMENT	 Lab assistants are not always aware of patient/resident; can consult ADL or Cardex. Purple dot system may need to be reviewed with staff. Subsequent to site visit, rotation has changed in ECUs (more frequent trips doing fewer residents). In addition, the need to perform specific procedures per resident was reviewed and some were eliminated.
ENTIF		 Environment (lighting) 			E S	 Lighting may be poor in some patient/resident rooms making it difficult to see. Overhead lighting should be used as available.
Q	Accessioning area: batching	 Awkward posture 			ASS	 Various postures associated with labelling, wrapping and packing specimens; and receiving and filling out requisitions. Postures vary and are not sustained.
	specimens (the "box"	 Awkward posture 				• Single user computer workstation; keyboard drawer does not fit mouse. Monitor height is appropriate. Headset and footrest available.
	area)	Force (lifting)			-	• Boxes handled; individual items are placed in boxes at discretion of the packer.
		Workspace layout				 Lack of space reported. Clutter under and around work area, especially when specimens come in.
		• Environment (noise)				• Employee reported noise from centrifuges. Headset used does block out some of the noise.

Department/Work Area: Laboratory	Occupation: Laboratory Assistant
Specific Location:	Contact Name:
Assessed By:	Assessment Date:

	Task	Risk Factors	Freq/Dur	Mag/Range		Assessment / Observations / Comments
	Receiving patients	Awkward posture				 Computer workstations for receiving patients: Seated posture; keyboard drawer, flat screen monitor provides for ease of movement of the monitor and is at appropriate height. Additional workstation has a keyboard drawer that does not fit the mouse (minimal use reported). Adjustable chairs available for Lab Assistants (back rest height and angle, seat pan height and angle).
		 Contact stress 				Rounded counter edges preferred or keyboard wrist rests provided.
z	Cleaning equipment	Awkward posture				• Variety of postures required for various duties; not in one posture for an extended period of time.
DENTIFICATION		 Force Awkward posture 			ESSMENT	 In wash-up area, handling pipette washers and basket. Counter height is appropriate. Bucket is positioned in back corner. Look for better positioning of pipette washer (maybe move to front of counter and relocate the paper towel dispenser.
IDEN		Force			ASSI	Opening and closing autoclave door. Low frequency of use.
	Cleaning equipment (continued)	Awkward posture				• In frozen section room duties involve checking stock, emptying and refilling chemicals. Two sets of holders are available so that one can be soaked while the other is in use (reduces manual effort for cleaning).
	Performing various clerical duties	 Awkward posture (neck) 				 Phone calls tend to be of short duration. Staff is reminded to not crook the handset between the ear and shoulder.
	Section head computer workstation	Awkward posture				 Computer workstation meets ergonomics guidelines. Adjustable chair, desk is appropriate with adjustable tray that fits keyboard and mouse. Monitor height is appropriate. No concerns noted.

Sp	partment/Work A ecific Location: sessed By:	Area: Laboratory	Occupation: Laboratory Assistant Contact Name: Assessment Date:			
			for implementation to reduce risk factors; 2 = optional, for consideration as a mea eration as appropriate.	ns of reduc	cing risk factors;	3 = not
	Risk Factor	Potential Cause	Recommended Controls	Control Priority	Responsible Person	Status
	Awkward posture	Taking blood samples	 Information on working tips to be provided e.g. adjusting bed heights, lowering rails for better positioning, getting needed supplies before taking sample (to reduce reaching), sitting for longer procedures and/or using available equipment such as chairs and tables, considering best posture at all times. 			
			2. Trial portable stools. Information/sample to be provided.			
	 Static posture 	 Taking blood samples 	3. Information on stretching exercises to be provided.			
20	Force	 Pushing and pulling ECU cart outside 	4. Consider replacing ECU cart wheels with larger rubber wheels that are more suitable for outdoor use. Staff is also considering use of baskets and eliminating the need to take cart to ECU.			
CONTROLS	Work Organization	Looking for ECU patients	5. Subsequent to site visit, routine for ECUs has changed. There are now more frequent visits with fewer residents to do each visit. In addition, specific procedures per resident were reviewed to maintain only necessary lab work. This should be revisited occasionally.			
5	Awkward posture	 Keyboard drawer at "box" is not adjustable 	6. Due to the frequency of use at this workstation, an adjustable keyboard tray is recommended.			
	Work spaceNoise	Location of "box" area	7. Continue to consider alternate locations for this workstation so that it is not near equipment and not in an aisleway. Additional working space would also be beneficial.			
	Awkward posture, contact stress	Computer workstation in main lab	8. Remove drawer underneath. Add corner maker and keyboard wrist rest.			
	 Force Awkward posture 	Handling baskets and buckets for pipette cleaning	9. Review current placement of pipette cleaning station; relocate paper towel holder and move the buckets to the front of the counter (to reduce reaching back); relocate hot plate.			

Additional Comments: