SISTER STUDY JOB MODULE: DOCTOR OR PHYSICIAN

DOC1.How many different full-time or part-time jobs have you had	
working as a doctor or physician? This includes both paid	
and volunteer work that took at least 10 hours per week.	# JOBS

I am going to ask about some specific tasks that you may have done while working as a doctor or physician. <IF MORE THAN 1 JOB READ THE FOLLOWING SCRIPT:> In answering these questions, please think about your overall experience in all of your full-time or part-time jobs of this type.

While working as a doctor or physician,		About ho	w many years	and/or months in total
did you ever work		did you w	ork there ([PL	ACE])?
DOC2. in a hospital, or large outpatient surgical center	YES	DOC3.	#YEARS	#MONTHS
DOC4. in a doctor's office	YES	DOC5.	#YEARS	#MONTHS
DOC6. in a nursing home, assisted living facility, or other residential care facility	YES	DOC7.	#YEARS	#MONTHS
DOC8. in a free-standing urgent care center, outpatient clinic, or HMO	YES	DOC9.	#YEARS	#MONTHS
DOC10. providing home health care (that is, visiting patients at home)	YES	DOC11.	#YEARS	#MONTHS
DOC12. in a school	YES	DOC13.	#YEARS	#MONTHS
DOC14. in another type of workplace SPECIFY:	YES	DOC15.	#YEARS	#MONTHS

<begin areas="" record="" repeating="" specialty="" –=""> DOC16. What was the [first/next] department or specialty area that you spent most of your time working? <specialties a="" be="" from="" look-up="" selected="" table="" will=""></specialties></begin>	MEDICAL SPECIALTY
DOC16a. Did you work in any other departments or specialty areas?	YES [DOC16] 1 NO 2
<end areas="" record="" repeating="" specialty="" –=""></end>	
DOC17. Did you ever work at least 5 hours per week for at least one month out of the year in an operating room or anywhere else where general anesthetics were being administered by you or anyone else?	YES 1 NO [GO TO DOC26] 2 REF [GO TO DOC26] 7 DK [GO TO DOC26] 8
DOC18. How many years in total did you do this (work in an operating room or anywhere else where general anesthetics were administered by you or others at least 5 hours per week for at least one month out of the year)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC19. In the years that you did this, how many months and/or weeks per year, on average, did you work in an operating room or anywhere else where general anesthetics were administered by you or others?	MONTHS/YR WEEKS/YR
DOC20. On average, how many hours per week did you work in an operating room or anywhere else where general anesthetics were administered by you or others?	# HOURS PER WEEK

operating room of general anestheti	ics were in use,) was administered by you	DOC22. Did you personally administer [ANESTHETIC] at least 5 hours per week for at least one month out of the year?	DOC23. How many years in total did you do this?	DOC24. In the years that you did this, how many months and/or weeks per year, on average, did you personally administer [ANESTHETIC]?	DOC25. On average, how many hours per week did you personally administer [ANESTHETIC]?
a. Nitrous oxide	YES1 NO [DOC21b]2	YES 1 NO[DOC21b]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
b. Halothane	YES1 NO [DOC21c]2	YES 1 NO[DOC21c]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
c. Ether	YES1 NO [DOC21d]2	YES 1 NO[DOC21d]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
d. Isoflurane	YES1 NO [DOC21e]2	YES 1 NO[DOC21e]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
e. Enflurane	YES1 NO[DOC21f]2	YES 1 NO[DOC21f]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
f. Chloroform	YES1 NO [DOC21g]2	YES 1 NO[DOC21g]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
g. Any other anesthetic SPECIFY:	YES1 NO [DOC26]2	YES 1 NO [DOC26]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS

OC26. Have you ever administered aerosolized ribav Virazole, pentamidine or Nebupent, or tobramyc or Nebcin?		YES[GO TO REF[GO TO DK	DO(DO(C34] C34]	2 7
DOC27. Which of these drugs have you administered in aerosolized form?	a. ribavirin or Virazoleb. pentamidine or Nebupentc. tobramycin or Nebcin	1	N 2 2 2	REF 7 7 7	DK 8 8
DOC28. How many years in total did you have a job where you did this (administered aerosol ribavirin or Virazole, pentamidine or Nebupent tobramycin)? [IF LESS THAN 1 YEAR, ENTER "1"]	ized			# YE	_ ARS
DOC29. In the years that you did this, how many weeks per year, on average, did you do this		MONTHS/Y	R	WEE	L KS/YR
DOC30. On average, about how many hours per administering any of the aerosolized drugs the time you spent actually handling the dr the area during administration, and in clear set-up time, or time the patient was receiving you were not present.	? Please include only rug, were present in n-up. Do not include	# HOU	RS P	ER W	 EEK
DOC31. When you administered aerosolized dru	gs, was it <u>usually</u>	inside a fully end and sealed trea chamber or bo inside a partially treatment hood with no type of e	atmer ooth enclo d or t	nt osed ent	2
DOC32. When you administered aerosolized drugs, did you <u>usually</u>	 a. inspect the aerosol generat leaks or worn parts prior b. use a nebulizer with an automatic shutoff valve? c. administer the medication isolation room under neg 	to use?	N 2 2	REF 7 7	DK 8 8
	pressure (where air flows the room from adjacent a	s into	2	7	8
DOC33. When you administered aerosolized drugs, did you <u>usually</u> wear any of the following protective equipment? (By usually we mean most of the time.)	a. a water resistant gownb. glovesc. goggles, safety glasses, ord. respiratory protection; this	1 a face shield 1	N 2 2 2	REF 7 7 7	DK 8 8
()	does <u>not</u> include a surgic		2	7	8

DOC34. Did you ever work at least 5 hours per week for at least one month out of the year in a room where instruments or other equipment was being sterilized?	YES
DOC35. How many years in total did you do this (work at least 5 hours per week for at least one month out of the year in a room where instruments or other equipment was being sterilized)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC36. In the years that you did this, how many months and/or weeks per year, on average, did you work in a room where instruments or other equipment was being sterilized?	MONTHS/YR WEEKS/YE
DOC37. On average, how many hours per week did you work in a room where instruments or other equipment was being sterilized?	# HOURS PER WEEK

instruments or eq	used to sterilize the quipment?	DOC39. Did you personally use[ANESTHET IC] to sterilize the instruments or equipment at least 5 hours per week for at least one month out of the year?	DOC40. How many years in total did you do this?	DOC41. In the years that you did this, how many months and/or weeks per year, on average, did you personally use [ANESTHETIC]?	DOC42. On average, how many hours per week did you personally use [ANESTHETIC]?
a. Ethylene oxide	YES1 NO [DOC38b]2	YES 1 NO[DOC38b]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
b. hydrogen peroxide gas plasma, such as the STERRAD system	YES1 NO [DOC38c]2	YES 1 NO[DOC38c]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
c. glutaraldehyde products such as Cidex, ColdSport, Endocide, Glutacide, Hospex, Metricide, or Sporicidin	YES1 NO [DOC38d]2	YES 1 NO[DOC38d]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
d. ortho- phthalaldehyde products such as Cidex OPA	YES1 NO [DOC38e]2	YES 1 NO[DOC38e]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS

DOC38. (During to [ANESTHETIC] us instruments or equ	sed to sterilize the	DOC39. Did you personally use[ANESTHET IC] to sterilize the instruments or equipment at least 5 hours per week for at least one month out of the year?	DOC40. How many years in total did you do this?	DOC41. In the years that you did this, how many months and/or weeks per year, on average, did you personally use [ANESTHETIC]?	DOC42. On average, how many hours per week did you personally use [ANESTHETIC]?
e. peracetic acid products such as the Steris system	YES1 NO[DOC38f]2	YES	#YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
f. hydrogen peroxide products such as Accell or Optim	YES1 NO [DOC38g]2	YES 1 NO[DOC38g]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
g. formaldehyde	YES1 NO [DOC38h]2	YES1 NO[DOC38h]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
h. hexachlorophen e products such as Phisohex or Phisoderm	YES1 NO[DOC38i]2	YES 1 NO [DOC38i]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
i. any other sterilizing agent SPECIFY:	YES1 NO [DOC43]2	YES1 NO [DOC43]2	# YEARS [IF LESS THAN 1 YEAR, ENTER "1"]	# MONTHS # WKS	# HOURS
hours per w	ever use disinfectants eek for at least one m ing as a doctor or phy	onth out of the year		NO[GO 7 REF[GO 7	1 ГО DOC49] 2 ГО DOC49] 7 ГО DOC49] 8
hours disinf [IF Ll	ow many years in total per week for at least ectants or antiseptics) ESS THAN 1 YEAR, the years that you did	one month out of the property	ne year using		# YEARS
weeks	per year, on average, eek using disinfectan	did you work at lea		MONTHS	/YR WEEKS/YR

DOC46. On average, how many hours per week did you use # HOURS PER WEEK disinfectants or antiseptics? Y REF DK N DOC47. Which of the following disinfectants 2 7 8 7 or antiseptics did you use? b. Duraprep 1 8 Did you use... c. Formaldehyde 1 7 8 7 8 e. Iodophor or iodophorm.....1 7 8 7 8 7 8 h. Skin prep or alcohol pads1 2 7 8 i. Alcare or other foamed alcohol products.. 1 8 2 7 8 2 7 8 SPECIFY: <IF MORE THAN ONE OF DOC47a-k IS ANSWERED "YES":> BETADINE 01 DOC48. Which one disinfectant did you use the most? DURAPREP 02 FORMALDEHYDE 03 HIBCLENS...... 04 IODOPHOR OR LYSOL 06 PHISOHEX OR PHISODERM......07 SKIN PREP OR ALCOHOL ALCARE OR OTHER FOAMED ALCOHOL

DOC49. Did you ever take X-rays from a room that was <u>separate</u> from the room where the patient was, at least 5 times per week?	YES
DOC50. How many years in total did you work in a job where you took X-rays from a separate room (at least 5 times per week for at least one month out of the year)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC51. Were you ever <u>in</u> the same room where X-rays were being taken at least 5 times per week for at least one month out of the year?	YES
DOC52. How many years in total did you work in a job where you were in the same room while X-rays were being taken (at least 5 times per week for at least one month out of the year)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC53. In the years that you did this, how many months and/or weeks per year, on average, did you do this (work in a job where you were in the same room where X-rays were being taken at least 5 times per week)?	MONTHS/YR WEEKS/YR
DOC54. On average, how many times per week were you in a room while X-rays were being taken?	# TIMES PER WEEK
DOC55. How often did you wear a dosimetry or film badge that measured your radiation exposure? Was it [IF RESPONDENT SAYS ONLY A FEW TIMES, CODE AS RARELY OR NEVER]	all the time
DOC56. Did you ever receive a report that your measured dose of radiation was above the safe limit?	YES
DOC57. How often did you wear a leaded apron or stand behind a leaded barrier while the x-ray was being taken?	all the time 1 most of the time 2 about half of the time 3 some of the time 4 rarely or never 5 REF 7 DV 8

k for at least one?	NO[GO TO REF[GO TO	DO0	[262] [262]	2 7
his (work at least 5 hours per ear performing fluoroscopy)?			# YEAR] RS
nny months and/or rm fluoroscopy?	MONTHS/YE	R	WEEKS/	/ /YR
ek did you do this?	# HOU	JRS 1	 PER WEI	 EK
k for at least one her sources of lioisotopes, ohy?	NO[GO TO REF[GO TO	DO0	[67] [67]	2 7
his (work at least 5 hours ne year in a room where ministered such as T scans,			# YEAR] RS
any months and/or weeks per where other sources of as radioisotopes, radionuclides,	MONTHS/YI	R	WEEKS/	_ /YR
ek did you work in a room re being administered RIs, CAT scans,	# HOU	JRS 1	 PER WEI	_ EK
b. MRI	111 e1	N 2 2 2 2 2	7 3 7 3 7 3	K 8 8 8 8
	his (work at least 5 hours per ear performing fluoroscopy)? Inny months and/or rm fluoroscopy? Ek did you do this? Ek for at least one her sources of hioisotopes, ohy? This (work at least 5 hours he year in a room where ministered such as I scans, Inny months and/or weeks per a where other sources of as radioisotopes, radionuclides, Ek did you work in a room re being administered RIs, CAT scans, a. CAT scan	NO[GO TO REF[GO TO DK[GO TO MONTHS/YI M	NO	NO[GO TO DOC62] REF[GO TO DOC62] MONTHS/YR WEEKS. REF[GO TO DOC67]

or other electrosurgery devices were being us		YES[GO TO DE REF[GO TO DE DK[GO TO DE DK	OC73] OC73]	2 7
DOC68. How many years in total did you had did this (work within 5 feet of where ladevices were being used)? [IF LESS THAN 1 YEAR, ENTER "1"]	asers or other electrosurgery		# YE	ARS
DOC69. In the years that you did this, how me per year, on average, did you do this?	nany months and/or weeks	MONTHS/YR	WEE	LS/YF
DOC70. On average, about how many hours	per week did you do this?	# HOURS	E PER W	 EEK
DOC71. On average, how many procedures por other electrosurgery devices were per			#/W]	 EEK
DOC72. Was surgical smoke exhausted outsi	ide the room?	YES NO		
DOC73. Did you ever work in a clinical or research at least 5 hours per week for at least one mon the year while working as a doctor or physici	nth out of	YES[GO TO E REF[GO TO E DK[GO TO E	OC78] OC78]	2 7
DOC74. How many years in total did you do per week for at least one month out of [IF LESS THAN 1 YEAR, ENTER "1"	the year in a laboratory)?		# Y E	ARS
DOC75. In the years that you did this, how me per year, on average, did you work in a	•	MONTHS/YR	WEE	L KS/YR
DOC76. On average, how many hours per we a laboratory?	eek did you work in	# HOURS	E PER W	∐ EEK
DOC77. While working in a laboratory, did you ever use any of the following? (Did you use)	 a. Dyes, as a powder, paste Does not include handl stained slides b. Mercury. Does not inclu handling thermometers 	or liquid. ing previously1 de	N REF	DK 8
	c. Solvents, such as benzend	1 e	2 7	8
	or trichloroethylene		2 7	8
	d. Dioxane		2 7	8
	e. Formaldehyde	1	2 7	8

drugs at least 5 times per week for at least one month out of the year?	NO[GO TO DOC82] 2 REF[GO TO DOC82] 7 DK[GO TO DOC82] 8
DOC79. How many years in total did you work in a job where you did this (mixed chemotherapy agents or anti-neoplastic drugs at least 5 times per week for at least one month out of the year)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC80. In the years that you did this, how many months and/or weeks per year, on average, did you mix chemotherapy agents or anti-neoplastic drugs at least 5 times per week?	MONTHS/YR WEEKS/YR
DOC81. On average, how many times per week did you mix chemotherapy agents or anti-neoplastic drugs?	# TIMES PER WEEK
DOC82. Did you ever purge IVs or syringes that contained chemotherapy agents or anti-neoplastic drugs at least 5 times per week for at least one month out of the year?	YES 1 NO[GO TO DOC86] 2 REF[GO TO DOC86] 7 DK[GO TO DOC86] 8
DOC83. How many years in total did you work in a job where you did this (purged IVs or syringes that contained chemotherapy agents or anti-neoplastic drugs at least 5 times per week for at least one month out of the year)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC84. In the years that you did this, how many months and/or weeks per year, on average, did you purge IVs or syringes that contained chemotherapy agents or anti-neoplastic drugs at least 5 times per week?	MONTHS/YR WEEKS/YR
DOC85. On average, how many times per week did you purge IVs or syringes that contained chemotherapy agents or antineoplastic drugs?	# TIMES PER WEEK
DOC86. Did you ever perform injections, IV insertions, or phlebotomy at least 5 times per week?	YES 1 NO[GO TO DOC90] 2 REF[GO TO DOC90] 7 DK[GO TO DOC90] 8
DOC87. How many years in total did you do this (perform injections, IV insertions, or phlebotomy at least 5 times per week)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC88. In the years that you did this, how many months and/or weeks per year, on average, did you do this?	MONTHS/YR WEEKS/YR
DOC89. On average, how many times per week did you do this?	# TIMES PER WEEK

DOC90. About how many hours per week did you wear latex gloves, on average?	# HOURS PER WEEK
DOC91. About how many hours per week did you wear non-latex gloves, such as nitrile gloves, on average?	# HOURS PER WEEK
DOC92. Did you ever use talcum powder on your patients or in your gloves at least 5 times per week for at least one month out of the year?	YES 1 NO[GO TO DOC96] 2 REF[GO TO DOC96] 7 DK[GO TO DOC96] 8
DOC93. How many years in total did you do this (work in a job where you used talcum powder on your patients or in your gloves at least 5 times per week for at least one month out of the year)? [IF LESS THAN 1 YEAR, ENTER "1"]	# YEARS
DOC94. In the years that you did this, how many months and/or weeks per year, on average, did you use talcum powder at least 5 times per week?	MONTHS/YR WEEKS/YR
DOC95. On average, how many times per week did you use talcum powder on your patients or in your gloves?	# TIMES PER WEEK
DOC96. Were you ever accidentally stuck with a needle or an instrument such as a scalpel that was contaminated with blood?	YES 1 NO[GO TO DOC99] 2 REF[GO TO DOC99] 7 DK[GO TO DOC99] 8
DOC97. How many times has this happened?	# TIMES
DOC98. Were you ever treated with drugs for HIV prevention?	YES 1 NO 2
DOC99. On average, how many times per week did you have contact with patients infected with hepatitis, HIV, or tuberculosis?	# TIMES PER WEEK
DOC100. How often were you tested for TB with a skin-prick test? Was it	once per year

Thank you for answering these questions about your work as a doctor. Now I will ask questions about some other industries.

LOOK-UP TABLE FOR MEDICAL SPECIALTIES:

Adult primary care

Anesthesiology

Audiology

Cardiology

Central processing

Dental services

Dermatology

Ear, nose, and throat

Emergency

Endocrinology

Family practice

Gastroenterology

Geriatrics

Hematology

HIV/AIDS clinic

Home healthcare

Hospice care

Immunology

Infectious disease

Infusion therapy

Intensive care

Laboratory

Long-term mental health

Nephrology

Neurology

Nuclear medicine

Nutrition

Obstetrics/gynecology

Occupational medicine

Oncology

Ophthalmology

Optometry

Orthopedics/sports medicine

Pathology

Pediatrics

Pharmacy

Physical/occupational therapy

Psychiatry

Podiatry

Post-anesthesia care unit

Pulmonary

Radiology

Research

Respiratory care

Rheumatology

Sleep disorders

Social work

Surgery

Urology

Other (SPECIFY):