

1. Case No. 070126HEP0721	2. Investigator's ID 4450	3. Office Code	EPIDEMIOLOGIC INVESTIGATION REPORT
4. Date of Accident 07/1/24	5. Date Investigation Initiated 07/2/11		

6. Synopsis of Accident or Complaint
 Victim is a 64 year old male who was using a table saw when the stock kicked back causing the victim to cut his left hand finger. Victim went to the ER, was treated, & released.

Hertz

7. Location (Home, School, etc.) 1	8. City Hagerstown	9. State md
---------------------------------------	-----------------------	----------------

10. First Product 841	11. Trade/ Brand Name [REDACTED]
--------------------------	-------------------------------------

Second Product	Trade/ Brand Name Manufacturer Address
----------------	---

12. Age Of Victim 64 YEARS	13. Sex (1=M, 2=F, 3=Unk) 1	14. Disposition 1	15. Injury Diagnosis 59
-------------------------------	--------------------------------	----------------------	----------------------------

6. Body Part 92	17. Respondent(s)(Mother, Friend) Victim	18. Type Investigation (1-Onsite, 2-Phone, 3-Other) 2	19. Time Spent 30 min
--------------------	---	---	--------------------------

10. Attachments	21. Case Source	22. Reviewed By : Date (YMD) : 3521 2/8/07
-----------------	-----------------	---

3. Narrative (More Detail May Be Included On Separate Pages)

~~CPSA 5(b)(1) CLEARED for PUBLIC~~
 NO MFRS/PRVTLBLRS OR PRODUCTS IDENTIFIED
 EXCEPTED BY: PETITION RULEMAKING ADMIN. PRCDG
 WITH PORTIONS REMOVED: _____
 JB 6/16/11

General Saw Telephone Questionnaire (NEISS Product Codes 830, 845, 875, 864, 894, 895)

product codes 841, 842, 843 should do the Stationary Saw questionnaire
product code 832 should do the Circular Saw questionnaire
product code 1411 should do the Chain Saw questionnaire

TASK NUMBER 070124 HEP0721

Interviewer:

- 1. Before contacting the respondent, please review the NEISS emergency room information on the assignment cover sheet.**
- 2. If the victim is age 17 or younger, interview the parent of victim, or ask the parent to listen to the interview on the extension phone while you interview victim. The respondent should be the victim if (s)he is 18 or older.**
- 3. The boldfaced text contains instructions to you and should not be read to the respondent.**

Record of Calls

Date	Day	Time	Result		Date	Day	Time	Result
2/1/07	Thurs	3:10 pm	Am					
2/2	Fri	2:15 pm	C					

CODES: C=Completed CB=Call Back LB=Line Busy WN=Wrong Number
M=Answering Machine NWN=Non-Working Number NA=No Answer R=Refused
NER=No Eligible Respondent
CALL BACK TIME: Day: _____ TIME: _____ AM/PM

INTRODUCTION:

Hello. May I speak with _____? (Ask for victim by name or parent or guardian of victim under age 18.)
(If the above person is not available, ask: When would be a good time to contact him/her? (Record above, otherwise continue with introduction.)

Hello. I'm _____ from the U.S. Consumer Product Safety Commission.

In cooperation with (hospital name), we're doing a study of saw accidents. We are interested in learning more about these accidents and the saws involved, so we can find ways to help prevent similar accidents. This interview should take about 10 minutes. The information is confidential; it is for statistical purposes only.

1. Interviewer: Indicate below who the respondent is.

- Victim/injured person
- Mother of victim
- Father of victim
- Spouse of victim
- Someone else (Specify: _____)

2. Please tell me where and how the accident happened and what your (if the respondent is victim)/ (victim's name) injuries were.

Victim is a 44 year old male who was using a table saw when the stock kicked back & the victim lacerated his 4th finger, left hand.

Victim went to the ER, had stitches, & was released.

(Interviewer: Continue on the back of this page if necessary)

3. Was the saw involved in the incident powered or not powered (**manual**)?

- Powered
 Not Powered → **Thank the respondent and end the interview**
 Not a saw → (specify product: _____)
Thank the respondent and end the interview
 Don't know

4. Was the saw portable or stationary?

Interviewer: verify respondent's answer by asking if the stock is fed into the blade (stationary saw) or the saw is pushed along the stock while the stock remains stationary (portable saw).

- Portable saw → continue to next question
 Stationary saw → go to Q. 8
 Other (explain: _____)
 Don't know

5. **Portable saws:** Is the saw (choose the best answer) a circular saw (sometimes called a **Skil saw**), a hack saw, a jigsaw, a saber saw, reciprocating saw, chain saw, or something else?

- Circular saw
 Hack saw
 Jigsaw
 Saber saw
 Reciprocating saw
 Chain saw
 Other (explain: _____)
 Don't know

6. **Portable saws:** Does the saw have a cord (**plugs into the wall**) or is it cordless (**runs off battery power**)?

- Has a cord
 Cordless (battery powered)
 Don't know

7. **Portable saws:** Did you (the operator) have any problems with the saw being too heavy to handle easily? (Then skip to Q. 11)

- Yes → describe: _____
- No
- Don't know

8. **Stationary saws:** Is the saw (choose the best answer) a table saw, band saw, radial arm saw, miter saw, reciprocating saw (jig or saber saw) or something else?

- Table saw
- Band saw → go to Q. 11
- Radial arm saw → go to Q. 11
- Miter saw → go to Q. 11
- Reciprocating saw → go to Q. 11
- Other (explain: _____)
→ go to Q. 11
- Don't know → go to Q. 11

9. **Table saw only:** Were you (Was the operator) pulling, pushing, or holding the stock at the time of the accident?

- Pulling
- Pushing → ask: Was a push stick or a miter gauge used for pushing?
 - Push stick used
 - Miter gauge used
 - Both used
 - Neither used → ask: Why? used hand
- Holding
- Don't know

10. **Table saw only:** Attached to the saw, was there an anti-kickback device, spreader, or riving knife?

- Yes, anti-kickback device
- Yes, spreader
- Yes, riving knife
- None of these
- Don't know

11. Was the motor running at the time of the accident?

- Motor was running
 Motor was not running
 Motor was just turned "on" → Ask: How long before the injury was the motor turned "on"? _____
 Motor was just turned "off" → Ask: How long before the injury was the motor turned "on"? _____
 Don't know

12. Did the injury occur due to contact with the blade?

- Yes
 No
 Don't know

13. Was kickback involved in the incident? Did the *stock* kickback or did the *saw* kickback? **Kickback could also be described as the saw or stock jumping.**

- Yes, the stock kicked back
 Yes, the saw kicked back
 No
 Don't know

14. Was a blade guard attached to the saw at the time of the incident?

- Yes → continue to next question
 No → go to Q.16
 Don't know → go to Q.17

15. **Blade guard present:** Did it function properly at the time of the incident?
(then go to Q. 17)

- Yes
 No (explain: _____)
 Don't know

16. **No blade guard:** Was the blade guard missing because... ?

- Guard had broken off
- Guard had been removed
- Saw never had a guard
- Other (explain: _____)

17. Does the saw involved in the incident belong to the victim's household, to another household, was it rented, or something else?

- Victim's household
- Another household → (specify relationship to victim _____ and continue)
- Rented
- Don't know

18. About how old is the saw?

- 12 Years (write in number)
- Don't know

19. What is the brand name (manufacturer) and model name/serial number of the saw?

Mfr. _____
Model /Serial # _____
 Don't know

20. Had the saw been changed or modified in any way since you obtained it?

- Yes → 1) How was the saw changed or modified?
(Specify: _____)
- 2) Who did it ? victim friend relative
- Other (Specify: _____)
- No

21. Were you (was the injured person) the operator of the saw or a bystander?

- Operator
 Bystander
 Other (Specify: _____)
 Don't know

22. Did the accident occur on a job site or at home?

- Job Site (Specify: _____)
 Home (Specify Location: garage)
 Other (Specify: _____)
 Don't know

23. What kind of material were you (was the operator) working on at the time of the accident? Was it wood, concrete, steel, plastic, or something else?

- Wood
 Metal
 Plastic
 Drywall
 Something Else (Specify: _____)
 Don't know

24. Please describe the position of your (the operator's) left and right hands with respect to the saw and stock, just before the accident and right at the time of the accident.

Interviewer:

- (1) Be specific about how the saw was held
- (2) Indicate how the saw was fed into the stock or how the stock was fed into the saw.
- (3) Specify operator's position- to the side, directly behind the stock, standing, sitting, kneeling/crouching, etc.

- (1) No saw parts held
(2) Stock guided with hand
(3) Operator standing to side & slightly behind the stock.

25. Is the operator right- or left-handed or does he/she use both hands interchangeably?

- Right-handed
- Left-handed
- Either right or left (**Ambidextrous**)
- Don't know

26. In your opinion, what caused the accident?

(**Probe:** was it due to product failure or malfunction, poor design, environmental condition, carelessness, or something else?)

Kickback of stock

27. Were you/was the operator wearing eye glasses, safety goggles, gloves or any other special clothing at the time of the accident?

- Eye glasses
- Safety goggles
- Gloves
- Other (**Specify:** _____)
- None
- Don't know

28. Approximately how many times during the last year have you (**the operator**) used the saw?

- 100 Time(s)
- Don't know

29. On the average, how many hours and minutes each time did you (**the operator**) spend operating the saw?

- 1⁺ Hours _____ Minutes
- Don't know

Q.1 Do not read to respondent

Interviewer Instructions:

1. Before contacting the respondent, please review the NEISS emergency room information on the assignment cover sheet. Questions 2, 3, and 4 will require you to enter some of this information before you begin the interview.

2. If the victim is age 17 or younger, interview the parent of victim, or ask the parent to listen to the interview on the extension phone while you interview victim. The respondent should be the victim if (s)he is 18 or older.

3. The boldfaced text contains instructions to you and should not be read to the respondent!

Q.2 Please enter the TASK NUMBER.

070126HEP0721

Q.3 Please select the Product Code on record for the saw associated with this incident.

Table or Bench saw (0841)

Q.4 Does the NEISS record indicate injury to a finger or hand (body part codes: finger = 92, hand = 82)?

Yes

Q.5 INTRODUCTION:

Hello. May I speak with _____? (Ask for victim by name or parent or guardian of victim under age 18.)

person is available

Q.7 Hello. I'm _____ . I am working with the U.S. Consumer Product Safety Commission. In cooperation with (hospital name), we're doing a study of saw injuries. We are interested in learning more about these incidents, so we can find ways to help prevent similar

incidents. The information is confidential, and for statistical purposes only. Will you help us?

agreed

Q.10 Interviewer: Indicate below who the respondent is.

Victim/ injured person

Q.13 Was the saw involved in the incident powered or not powered (manual)?

Powered

Q.15 Was the saw a handheld model?

No

Q.16 According to our record the saw involved was a [ANSWER TO Q. 3], is this correct?

Yes (correct)

Q.21 Please describe how the injury happened and what the injuries were. That is, what were you (was the operator) doing just *before*, *during*, and *after* the injury occurred? Please start with what was going on just *before* the injury occurred.

Interviewer: continue on paper if necessary.

VICTIM IS A 64 YEAR OLD MALE WHO WAS USING A TABLE SAW WHEN THE STOCK KICKED BACK AND THE VICTIM LACERATED HIS 4TH FINGER, LEFT HAND. VICTIM WENT TO THE ER, HAD STITCHES, AND WAS RELEASED.

Q.22 INTERVIEWER READ THE FOLLOWING: In addition to writing down exactly what you told me about how the injury happened, I need to ask you some questions that may seem like I'm asking you to repeat yourself. Please bear with me. We want to be sure we completely understand everything about how the injury happened.

Q.23 Was the motor running at the time of the injury? (Determine if the saw had just been turned "on" or "off")

Motor was running

Q.26 Does the blade have a safety switch such as a key lock that must be activated, in addition to a starter switch, before the saw can be turned on?

Don't know

Q.28 Is the blade of the saw direct drive (blade mounted directly onto the motor output shaft) or indirect drive (belt or gear driven)?

_____ Don't know

Q.30 At the time of the injury, were you using the saw, repairing/maintaining the saw, or were you not using the saw?

Using the saw

Q.36 At the time of the injury, "were you" (say "was the operator" **if the victim was not the operator**) about to start cutting, at the end of a cutting operation, pausing during a cutting operation, or were you (was the operator) in the middle of a cut?

_____ Actually cutting / in the middle of cut

Q.37 Do you know (**approximately**) how long had you (the operator) been working with the saw that day, before the injury occurred?

No

Q.39 What were you (was the operator) cutting at the time of the injury?

Wooden board

Q.41 **Interviewer: Say to the respondent-** "From now on, to simplify the questions, I will refer to the object being cut as 'stock'. "

Q.42 I would like to ask you about the type of cutting operation you were performing at the time of the incident.

Had you (the operator) been cutting the length of the stock (with the grain, ripping), cutting the width of the stock (against the grain, cross cutting), cutting the stock at an angle, or cutting the stock in some other way?

_____ Don't know

Q.46 Was the blade vertically straight or was it tilted to the side to make a bevel cut?

Don't know

Q.47 Do you use different types of blades for different types of cutting operations?

Don't know

Q.48 What type of blade was being used at the time of the injury? Was it... **(read choices)**

Don't know

Q.50 Do you know the diameter of the saw blade?

No

Q.52 What was the condition of the blade at the time of the injury? Was it sharp, dull, had teeth missing, or something else?

Don't know

Q.54 Was a blade guard attached to the saw at the time of the injury?

No

Q.55 What was the reason?

_____Saw never had a guard

Q.63 Do you believe a blade guard could have prevented this injury?

_____Don't know

Q.64 Could you tell me the blade position or motion, with respect to the stock, at the time of the injury? Was it... **(read choices)**

_____Don't know

Q.67 How much of the stock was already cut at the time of the injury? Were you... **(read choices)**

_____Don't know

Q.69 Was the stock rectangular or some other shape?

_____Don't know

Q.71 Do you know the length, width, and/or thickness of the stock being cut?

No

Q.73 What was the condition of the stock?
(select as many as apply)

Don't know

Q.75 Did the stock kick back or jump?

Interviewer: Unexpected stock movement is an indication of kickback.

Yes

Q.77 Did the injury occur due to contact with the blade?

Yes

Q.78 Was contact with the blade made above or below the cutting surface?

Don't Know

Q.79 Do you think this blade contact was caused by the stock kickback?

Yes

Q.81 Did the stock move out from under your hand causing the hand to slide/fall into the blade, or did the stock pull your hand into the blade, or did something else occur to bring your hand into the blade?

_____Don't know

Q.84 Was your hand in front of or behind the blade when contact was made?

Don't know

Q.86 Describe how the stock was supported. Was the stock resting on a table, on a sawhorse, or supported in some other way?

_____Don't know

Q.88 Did the whole surface of the stock fit on the table (or bench) or did it extend beyond?

Don't know

Q.89 Was the stock or the support firmly anchored?

Don't know

Q.93 At the time of the incident, did you (operator) adjust the plate/base shoe of the saw to a proper depth for the thickness of the stock being cut? **(base plate/base shoe is a rectangular metal piece that wraps around the lower portion of the blade and rest against the stock during a cut)**

Q.95 At the time of the incident, was the whole surface of the plate/shoe completely in contact with the stock being cut?

Q.97 Were you (the operator) standing, kneeling, crouching, leaning or in some other position at the time of the incident?

Q.133 Does the saw belong to your/the victim's household, to another household, was it rented, or something else?

_____Your/Victim's household

Q.137 Did your/victim's household get the saw new or used?

Don't know

Q.140 Do you know about how old the saw is?

Yes

Q.141 **Enter age of saw in years, months, days- as much detail as respondent can give.**

12 YEARS

Q.142 Do you know the brand name (manufacturer), model name/number, and/or horsepower of the saw?

Q.143 Enter manufacturer, leave blank if unknown.



Q.144 Enter model #, leave blank if unknown.

Q.145 Enter horsepower, leave blank if unknown.

Q.146 Had the saw been changed or modified in any way since you got it?

No

Q.152 Are you right-handed, left-handed, or do you use both hands interchangeably?

_____Right-handed

Q.156 Please describe the position of your (operator's) left and right hands with respect to the saw and the stock, just before the injury and right at the time of the injury.

Interviewer: (1) Be specific about which saw parts were held or in contact with the hand. (2) Indicate how stock was fed into the saw. (3) Specify if operator was reaching. (4) Specify whether operator was holding stock firmly or loosely.

NO SAW PARTS WERE HELD. THE STOCK WAS GUIDED WITH THE VICTIMS HAND. THE OPERATOR WAS STANDING TO THE SIDE AND SLIGHTLY BEHIND THE STOCK.

Q.157 Were you wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? (Select as many as applicable)

_____Safety Goggles

Q.160 Was the operator wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? (Select as many as applicable)

Q.164 During the last year, what type of cutting have you (the operator) performed most frequently with the saw?

Don't know

Q.166 Do you (operator) have an owner's manual for the saw involved in the injury?

Yes

Q.167 Do you remember any warnings or safety precautions about the operations of the saw that were printed in the owner's manual?

No

Q.169 Do you remember seeing any warnings or safety precautions about the operation of the saw that were printed on a label on the saw?

No

Q.172 Will you tell me your height and/or weight?

No

Q.176 Do you know the operator's height and/or weight?

Q.179 Was the saw already assembled before purchase or did you (operator) have to assemble it after purchase?

Don't know

Q.181 Were you (the operator) ill or under any medication, drugs, or alcohol at the time of the injury?

No

Q.183 In your opinion, what caused the injury incident?

KICKBACK OF STOCK

Q.184 In your opinion, were there any environmental factors such as slippery floor/debris on the floor, debris on the work surface, poor lighting, extreme temperature, or loose clothing that may have contributed to the injury incident?

DONT KNOW

Q.185 If I have missed anything or we need additional information, may I call you back?

Yes, ok to call back

Q.186 When is a good time to reach you?

2 PM

Q.187 **End interview by saying:**

Thank you very much for your time. Your answers to these questions will be used in our efforts to prevent other such injuries.

Q.188 **Interviewer: Enter today's date (month/day/year).**

02/02/2007