Equine Injury Database

User Guide

The purpose of the Equine Injury Database is to collect comprehensive data on the health status of horses engaged in training and/or racing. The database is intended to serve as a resource for epidemiologic study to benefit the health, safety, and welfare of the horse.

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CHAPTER I

General User Information

- The submission of hardcopy reports is no longer required, but their contemporaneous use when injuries occur may facilitate subsequent online data entry.
- Dropdown boxes require a single selection.
- Checkboxes permit multiple selections.
- To move to the next screen, the screen you are in must be completed.
- You can navigate between screens without losing data. You can return to any screen to edit information before clicking **Update**, which submits information to the database. Information is not uploaded into the database until you click **Update**; exiting the module without clicking **Update** will result in loss of data.
- You can return to a session after clicking **Update** to make edits.

➢ **Case Criteria**
- **Best effort should be made to enter all equine injuries occurring at the racetrack into the Equine Injury Database.**
- **All race-related injuries and/or horses whose condition results in intervention by the regulatory veterinarian must be entered into the Equine Injury Database.**

  This includes horses that are
  - Scratched at the recommendation of the examining veterinarian.
  - Determined to be injured/unsound/in distress, or otherwise unfit in the paddock, post-parade, starting gate, during or immediately after the running of a race.
  - Observed to be injured / unsound / in distress in the Detention barn, or as a result of regulatory veterinarians' post-race inspection.
- **Non-race-related injuries should also be entered into the Equine Injury Database.**

  This includes horses that are
  - Scratched for medical reasons not documented by the regulatory veterinarian (e.g., trainer reports sick, injured, colic, tied-up, fever).
 - Injured training or in non-race-related events.
- **It is not necessary to generate an injury report for horses that are**
  - Scratched for administrative reasons (e.g., missed furosemide deadline, foal papers not on file in the racing office, expired Coggins test)
  - Involved in an incident that has no observed or potential effect on the condition of the horse (e.g., unseated rider in post parade, ran loose, and was caught uninjured).
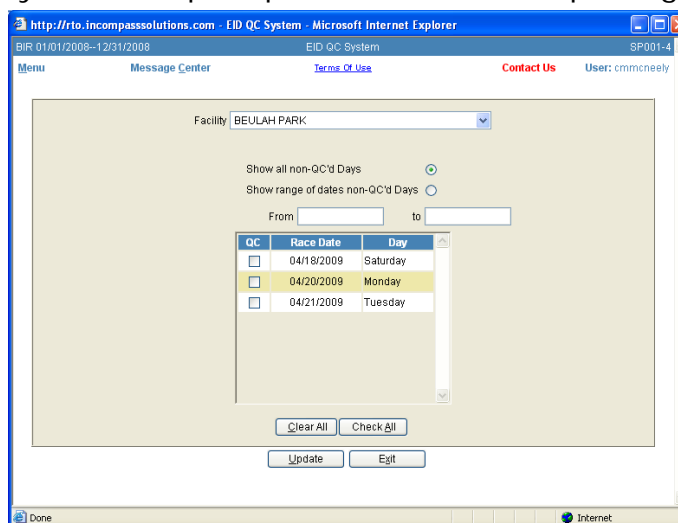
CHAPTER II

<u>Logging On</u>

- The InCompass system requires Internet Explorer 7 or higher
- Enable pop-ups from the site
- Go to https://rto.incompasssolutions.com
- Click **Launch RTO** button
- Enter user name and password using the tab button or arrows to navigate between boxes. (*Note*: User name and password are case sensitive.)
- On the next screen, select the racetrack and meet. (*Note:* The system will default to the current site and meet. Your track selection options will be limited to those that have authorized your access.)
- If you do not have any dates to quality control, next will be the Main Menu Screen. Go to Veterinarian and click **Equine Inj DB**.
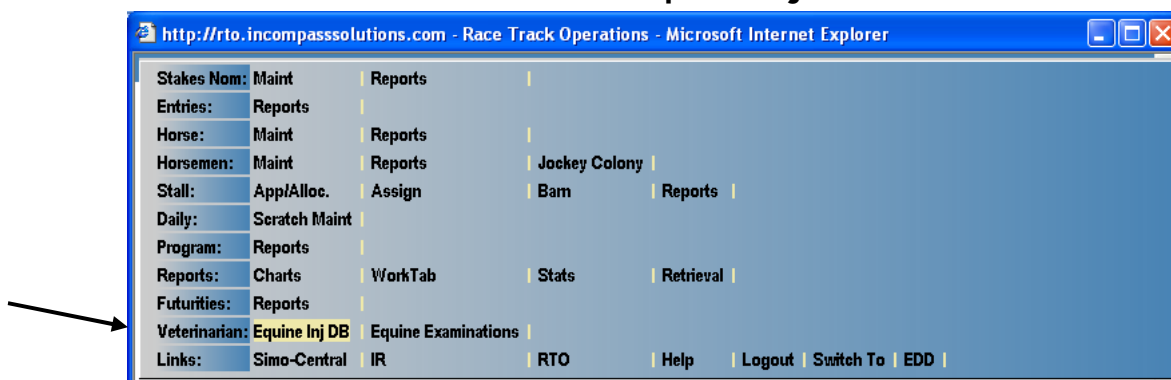
- However, if there are dates to Quality Control, you will automatically be directed to that screen. **Quality Control** is a feature that allows you to indicate when reporting is complete for a race day. This includes reporting of no injuries for a day. Once you are satisfied that the information for a day is complete, check off that particular date and select **Update**. If the information is not complete, select **Exit**, and you will be prompted to this screen upon logging in again.


- After making a selection from the quality control screen, you will enter the actual injury database

Initial Entry Screen

- The options listed are
    - o **Race Day Injury Occurrence:** Select this option for race-related injuries, including pre-race scratches.
    - o **Horse Injury Maintenance:** Select this option to record a non-racing injury, including training and backstretch injuries. This option can also be used to view all incidents entered for a particular horse
    - o **Reporting (if authorized):** Select this option to download a variety of reports based on reported injury information.
    - o **Download Injury Reporting Form:** Select this option to download a hardcopy blank injury reporting form and terminology page.
    - o **Quality Control Maintenance:** Select this option to indicate reporting is complete for a race day.
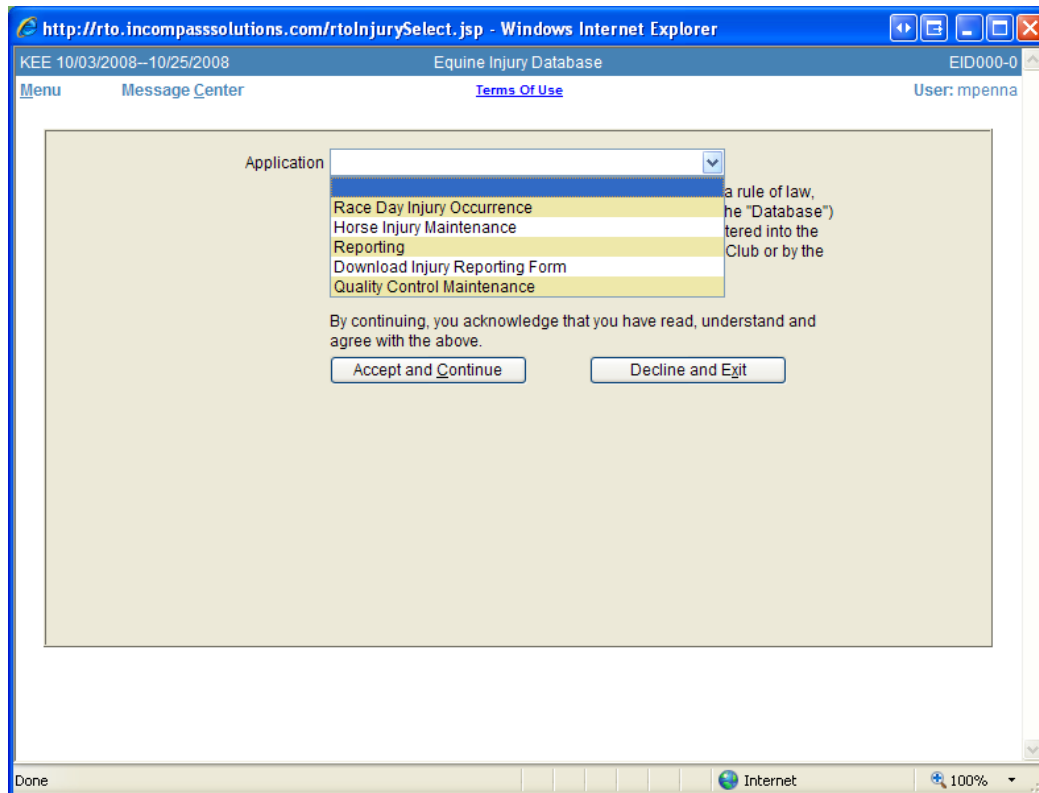
- The initial entry screen contains a statement reminding you that the information entered may be subject to public disclosure. You must click **Accept and Continue** to enter the database.

Detailed Screen by Screen Instruction for Race Day Injuries

➢ **RACE DAY INJURY OCCURRENCE — main opening screen**
- *Facility*: Automatically default to your track. If you have access to more than one, scroll to racetrack, or enter first letter of track's name, then scroll to racetrack.

  (*Note:* Racetracks are listed by name, but they are ordered alphabetically by their two- or three-letter Equibase track code. You will <u>only</u> be able to view the tracks in which you have been granted access to report.)

- *Race date:* Select the date by clicking on the calendar icon to the right of the box. (Note: Previous months may be accessed by clicking the arrow (<) next to the calendar month. Dates for which no corresponding race card exists will prevent the user from entering further data.)

- *Card:* Selection will always be Day regardless of the time the race is actually run.

- *Race number*: Use the dropdown and select the race number.

Double-click on the horse for which the injury report is being generated. Selecting a horse will take you to screen 1. (*Note:* Injury reports can be generated for multiple horses in a given race on an individual basis, however, only one report per horse per race can be entered at a time.)

➢ **RACE DAY INJURY OCCURENCE — screen 1**

This screen will allow you to input information regarding the injury observed; when, where, triage score and status of the horse and jockey.

The top of the screen is pre-populated with information from The Jockey Club and Equibase and cannot be amended by the user.

- *Reporting Veterinarian*: This name defaults to the name associated with the Log In User Name, but a different name may be typed in.

- *Attending Veterinarian:* Information can be changed, or the box can be left blank. (*Note:* The information present above the horizontal line on this screen will be in the same location on each subsequent screen.)

- Case # and License # are optional and are provided for jurisdictions that use and record such information.
- *Injury Observed*:
    - *Pre-Race / Post-Race*:
        - If the report is made in response to a condition observed prior to the start *or* after the horse has crossed the wire, click **Edit** and open the following box:
        - (*Note:* While it may be presumed that an injury occurred during the running of a race, if the condition is not observed until after the horse has finished the race, the correct reporting is a post-race finding.)

When making **Pre-Race** selections, be sure to select **Official Veterinarian Scratch,** then select where (morning, paddock, post parade, gate) AND a **Reason**

*If you have a horse that is sick, it would be listed as **Official Veterinarian Scratch, Morning, Other**. Then use **screen 2** to select the type of sickness. Do NOT type in Colic, Tied Up, fell, etc in this section.

Click to place a check in each applicable box. (Click again to remove a check.)

Selections can be made in either the pre-race section OR the post-race section.

Free-form text may be entered when Other is checked. Text entered will not be searchable within the database.

Do not use the Other box to explain a medical condition (i.e. Colic, URI, tied up, etc.) or Incident Related Information (i.e. fell, pulled up, flipped in gate, etc). These options will be available on screens 2 & 3

Click **Ok** to save data and return to screen 1.

Click **Cancel** to return to screen 1 without saving data.

- *Weight:* Default setting is program weight. Use the up/down arrows to change in the event of a reported overweight or underweight
- *Jockey Injured:* Default setting is No. Click **Yes** to change. This will open the injury details screen available for editing.
    - *Injury Details:* Click Edit to record details of jockey's injury.
- *Resident Status:* Select option from dropdown box. You must select Resident, Ship-In, or Unknown. (one must be selected to go to next screen)
- *One turn / Two or more turns / Straight:* The system will default to One Turn. Click to record track configuration for race distance. You must select the correct number of turns. Also, most tracks will default to the correct distance, but please check for accuracy.

- *Injury First Observed At:* For injuries that manifest during a race only, use the drop down box to indicate closest pole to location where the lameness/injury was first observed. If a pre-race or post-race injury was indicated earlier, then this section should be left blank.

- *Triage:* Select score from dropdown box. The triage scores have been broken into 6 different levels. Select the triage score that most closely describes the injury. (one **must** be selected to continue to next screen)

Triage:	0 - No lameness or gait deficit/abnormality observed	⌄

0 - No lameness or gait deficit/abnormality observed
I - Grade III or lower lameness; no abnormal limb deflection/hyperextension
II - >Grade III lameness; no abnormal limb deflection/hyperextension
III - Mild to moderate limb instability in 1 plane; closed injury
IV - Severe instability in 1 plane; closed injury
V - Limb instability in 2 or more planes / loss of column support (open or close); open: fx/joint capsule/tendon sheath;
Unknown

- Click Next to proceed to screen 2.

➢ RACE DAY INJURY OCCURRANCE — screen 2

Important: Report only _verified_ information; do not speculate with regard to diagnosis. Reports can be updated if more comprehensive information becomes available.

You must enter at least one injury in order to proceed to screen 3; if details are not known, select Unknown for Limb and Category.

All of the fields on this screen coincide with the Injury Reporting Terminology Sheet found on the "Download Injury Reporting Form."

Injury Reporting Terminology						
Limb	Category	Region	Site	Modifiers		
Unknown	UNKNOWN			Lame	Grade I	Grade II
LF				Grade III	Grade IV	Grade V
RF	FRACTURE	Distal Limb	Sesamoid-med	Chip (+/- multiple)		Condylar
LH			Sesamoid-lat	Slab		Cortical
RH			Sesamoid-blax			
BF			MC_3/ MT_3	Compound / Closed		
BH			Carpal bones	Incomplete / Comminuted		
All 4			P_1/P_2	Displaced / Nondisplaced		
NA			P_3	Apical / Basilar		
			Splint-med	Dorsal-Frontal / Palmar-Plantar		
			Splint-lat	Proximal / Mid / Distal		
			Tarsal bones	Medial / Lateral		
	NON-FRACTURE	Long Bone	Humerus	Tranverse / Saggital		
			Femur	Spiral / Oblique		
			Radius/Ulna	Axial / Abaxial		
			Tibia			
		Axial Skeleton	Skull	OCD		Periosteitis
			Spine	Osteitis		Physitis
			Cervical /	Subchondral bone disease		
			Thoracic			
			Pelvic / Coccygeal			
			Pelvis			
	SOFT TISSUE	Suspensory	Medial branch	Tendinitis / Desmitis		
			Lateral branch	Strain / Bow		
			Body	Failure-Rupture		
			Check ligament	Acute / Chronic / Reinjury		
			Distal Ses. Lig	Avulsion / Lacerated / Severed		
			Origin	Myalgia / Myositis		
		Flexor Tendon	CDExt			
			SDF	Proximal 1/3		
		Tendon Sheath	DDF	Mid 1/3		
			SDF/DDF	Distal 1/3		
		Muscle		Distal to fetlock		
		Other:		Proximal to carpus		
	JOINT	Fetlock		DJD/OA		
		Carpus		Subluxation / Luxation / Disarticulaton		
		Interphalangeal		Closed / Compound		
		Pastern		Instability: D/P M/L		
		Stifle		Mild / Moderate / Severe		
		Hock				
		Other:				
		Modifiers:				
	OTHER- MS	Laceration / Abrasion / Hematoma / Puncture Run down sore / Grabbed ¼ Quarter crack / hoof injury Foot Bruise / subsolar abcess / shoeing-related injury Trauma, unknown extent Other:				
	NON-MS	Post exertional distress / Heatstroke Synchronous dia. Flutter Cardiac arrhythmia EIPH—external hemorrhage Sudden Death Other: Diseases & Illnesses: Colic / Diarrhea / Colitis / Gastric Ulcer Laminitis / Septicemia Respiratory Disease / Pleuropneumonia Pulmonary Hemorrhage EIA / EHV / WNV / Strep Equi / EEE/WEE EPM Pleuritis Rhabdomyolysis (Tied up) Other:				
	NEUROLOGIC	Ataxia / Paresis / Paralysis Seizure CNS / PNS Trauma Other:				

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- *Limb:* Select from dropdown box.

NA (not applicable) should be selected for systemic conditions or those not associated with a specific limb(s).

- *Category:* Select from dropdown box. Refer to keyword sheet if necessary. If information on the affected limb is unavailable, select **Unknown**. No additional fields must be completed.

  (*Note:* To avoid data entry error the contents of dropdown boxes depend upon previous selections (e.g., if Limb selected is LH, you cannot report a fracture of the carpal bones. If a box does not contain the desired option, review previous selections.)

- *Region:* Select from dropdown box.
- *Site:* Select from dropdown box.
- *Modifiers:* Click **Edit**. Check box(es) adjacent to the relevant descriptive term(s) to select.
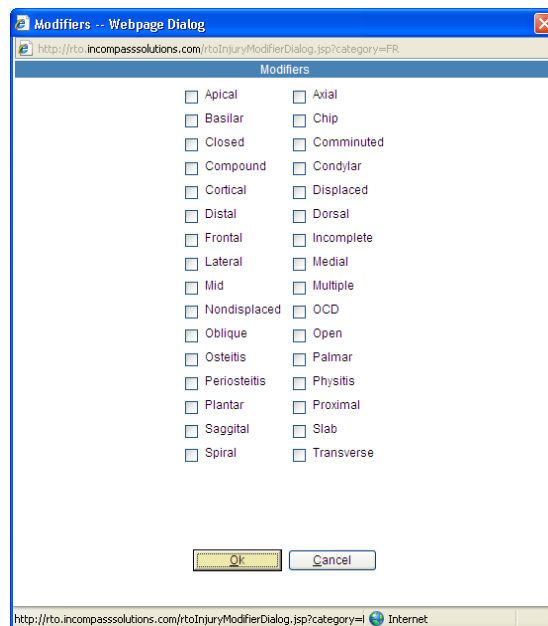
- Once selections have been made for a specific injury, click **Add**. The injury will then appear in yellow above the form fields. (You must select Add to continue to the next screen.)

- Repeat above steps for each additional injury.

- To clear the Limb, Category, Region, Site, and Modifiers selections, click **Clear**.
- To change or update information in the composite injury box, double-click the line to be changed. This populates the Limb, Category, Region, Site, and Modifiers boxes with the current selections. Make the desired changes and click **Update List**.
- To remove a single line entry from the composite box, double click to highlight the line to be removed, then click **Delete**.
- When the entries in the composite box are completed, click **Next**.

➢ **RACE DAY INJURY OCCURRANCE — screen 3**

This screen will allow you to input related information to further enhance the injury report. These menus give you the opportunity to include information such as

- Incident Related Information (i.e. fell, pulled up, contact with gate, etc)

- Steward's Action (inquiries or objections)

- Injury Management (ambulance, splint, sling, etc.)

- Emergency Medications (NSAID, Acepromazine, etc.)

- Equipment (blinkers, flipping halter, run-out bit, etc.)

- Shoes (type of shoe worn on each hoof)

- Outcome (non fatality or fatality and date)

- Click **Edit** to change any category. The subsequent screens will show what is inside of each selected section. Place a check next to any applicable boxes and click "OK" to update or "Cancel" to exit without updating.

o <u>Incident Related Information:</u> Select all applicable events. These are any events directly related to the incident. If a box is not available, use the Other box and input.

o <u>Steward's Action:</u> For Steward's inquiry or jockey's claim of foul and outcome, make selection from dropdown box.

o <u>Injury Management:</u> Select all applicable.

Injury Management -- Web Page Dialog

Injury Management

- ☐ None
- ☐ Ambulance
- ☐ Kimzey Splint
- ☐ Compression Boot
- ☐ Robert Jones Bdg
- ☐ Ext. stabilization, other
- ☐ Sling
- ☐ Rescue Sled
- ☐ Other [   ]

[<u>O</u>k]   [<u>C</u>ancel]

o <u>Emergency Medications:</u> Select all applicable.

Emergency Medications -- Web Page Dialog

Emergency Medications

- ☐ None
- ☐ Acepromazine
- ☐ Butorphanol
- ☐ Detomidine
- ☐ Xylazine
- ☐ Pred Sodium Succinate
- ☐ NSAID
- ☐ Other

[<u>O</u>k]   [<u>C</u>ancel]

o <u>Equipment:</u> Select all applicable.

Equipment -- Web Page Dialog

Equipment

- ☐ Blinkers
- ☐ Scoop Blinker
- ☐ Cornell Collar
- ☐ Ring Bit
- ☐ Run-Out Bit
- ☐ Bit Burr
- ☐ Flipping Halter
- ☐ Other [   ]
- ☐ Unknown [   ]

[<u>O</u>k]   [<u>C</u>ancel]

o <u>Shoe:</u> Select shoe type by clicking over adjacent box, then select limb(s) on which shoe was located from the drop down box. Multiple shoe types may be selected. The data selections will be flagged if more than one shoe data point is attributed to a given limb. You can override this check if the multiple selections are compatible (e.g., RF plain shoe, rim pad).

o <u>Outcome:</u> Default entry is Non-Fatality. Click Fatality or Unknown to change. If Fatality is selected, indicate whether horse died spontaneously or was euthanized and enter the date of death. Change the date by clicking the calendar icon, and then click the date. The date of death must be on or after the injury date.
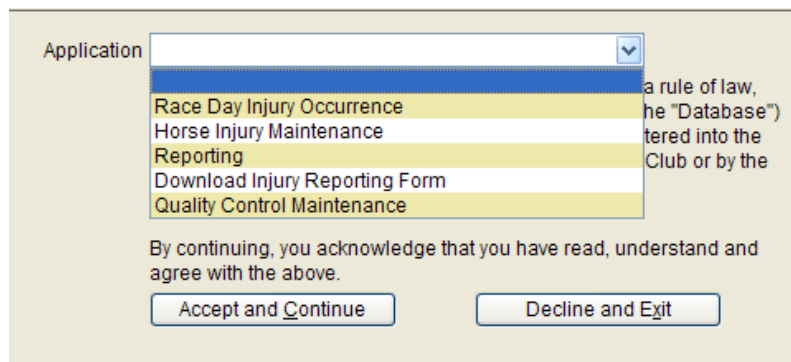
- Click **Update** to save your information and upload it to the database.
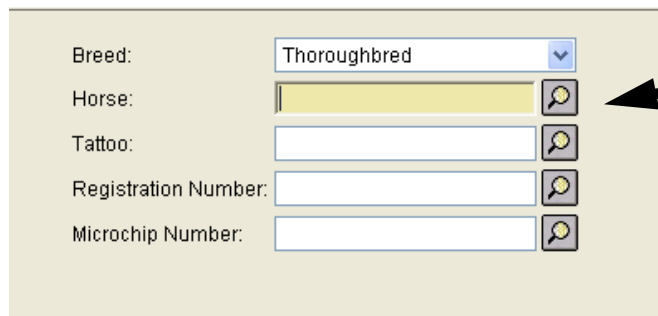
➢ **HORSE INJURY MAINTENANCE**

- Select **Horse Injury Maintenance** from the dropdown box. Click **Accept and Continue**.

- On the next screen, select the breed from the dropdown box. Enter the horse's name or tattoo or registration certificate number (for horses not yet tattooed). Then select the look up button

- Some instances, the horse's name may be the same or similar to another horse. If this case, you will be directed to the following screen. Double click on the horse desired. In the case that the horse has already been reported as "dead" to the appropriate registry, check the "Dead Horses Only" box then enter.

- The next screen will show any existing injury reports for the horse. You may elect to edit an existing report by double-clicking on that entry or you may enter a new report by clicking **Add Non-racing injury**.

- On the next screen:
  - o Select the facility or training center from the dropdown box. Also, indicate the track, trainer, reporting and attending veterinarian.

- If the injury is not related to exercise, click **Other**. For example, if the horse colics or sustains an injury in the stall, select other.
- When you identify the trainer, you may either click **Load from last start**, which will enter the name of trainer of record for the horse's last race start, or you may type in a trainer's name, last name first. A window will open to enable you to double-click the correct name.
- If the injury is related to exercise, Go to the bottom half of the screen under **Exercise Injury Observed** and click **Edit** next to **Type** and select the type of exercise.

- If the horse was injured while traveling clockwise (the "wrong way"), use the dropdown box to make the change.

o Indicate if there was a person was injured in associated with the horse's injury. If you click yes, click **Edit** to describe the nature of the human injury.

o For injuries that occurred during high-speed exercise, make selections from each of the dropdown boxes on the right of the screen, starting with Distance Unit.

o Select the resident status and triage score. Both must be selected to continue to the next screen

o Then select **Next**

o Complete the next screens as you have with the racing injury reports. (See pages 9-16)
o The final screen closely resembles the final screen for racing injury reports. In the Incident Related Information box, there are additional selections related to non-exercise related conditions. Choose any that are applicable
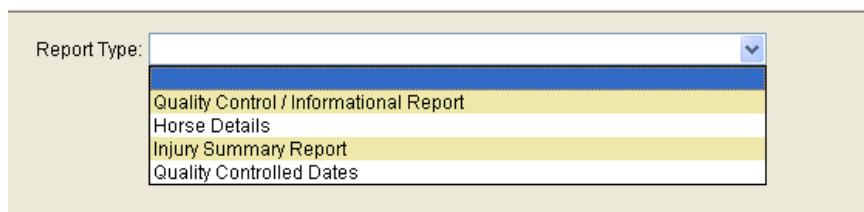

Examples of Out of Stall/Off Track/Non-equine designated areas are roads, parking lots, patron enclosures, the track infield, track apron, harrow lots, etc.

Examples of Out of Stall/Off Track/Equine designated areas are horse paths, grazing areas, round pens, wash racks, etc.

o To finalize the report, select **Update** to save.

➢ **REPORTING**

    o Select from the drop down menu
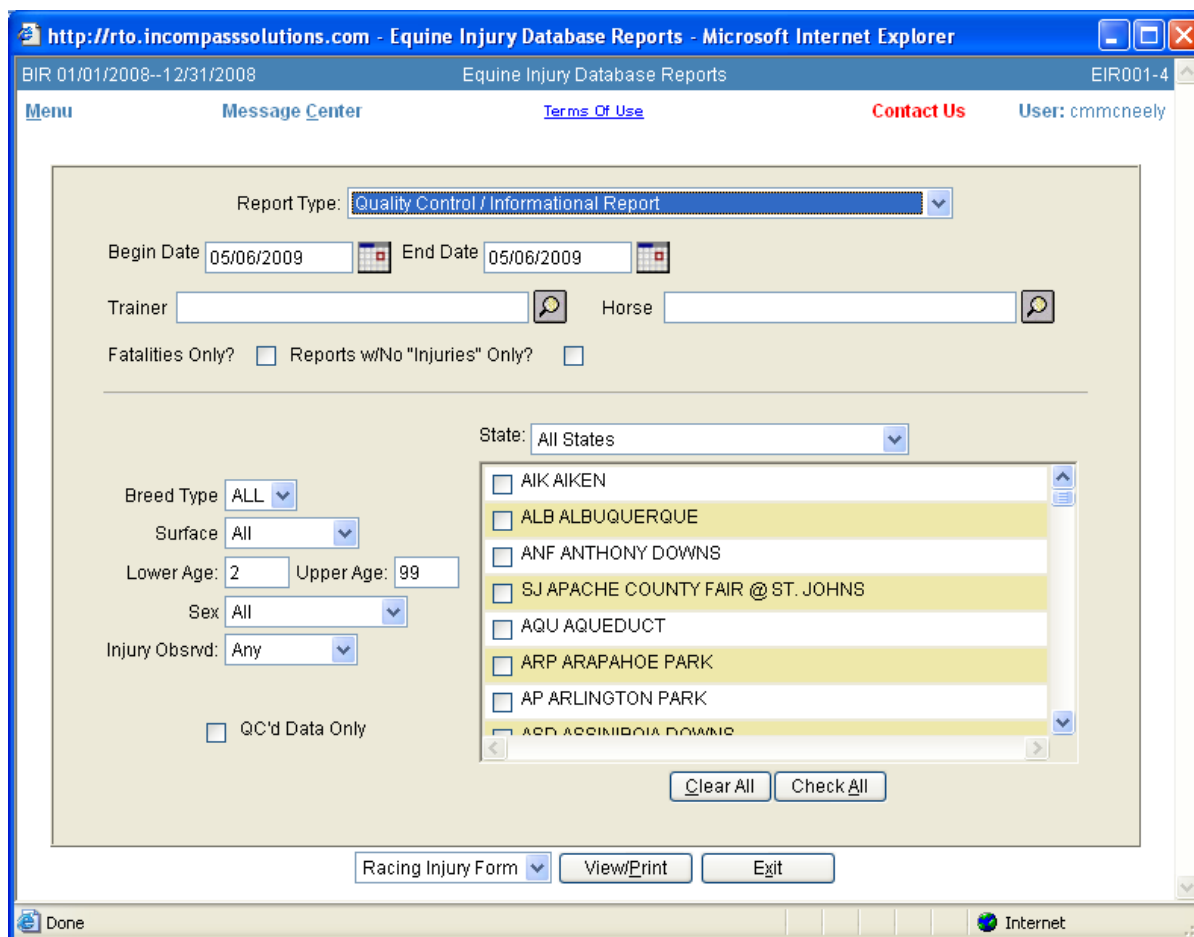
Report Type: [▼]

Quality Control / Informational Report
Horse Details
Injury Summary Report
Quality Controlled Dates

- *Quality Control/Informational Report:* This report allows you to sort information to produce either an XML report or racing injury forms.

- *Horse Details:* This report allows you to see the racing injury form and past performances of an individual horse.

- *Injury Summary Report:* This report produces an Excel spreadsheet of the data entered for a particular date range for a particular track.

- *Quality Control Dates:* This report allows you to view which dates have been or have not been quality controlled for a racetrack.

➢ **Quality Control/Informational Report**

    o This screen allows for you to select certain parameters to produce completed racing injury forms that can be printed. You can filter by date, trainer, breed type, surface, age, sex, and injury.

➢ **Horse Details**

o Type in the name of the horse you are searching for and press the 🔍 symbol or enter. If the horse information shows up in the open space, press **View/Print** and a printable version of any injury reports at your track and the most current Past performances will be displayed.

o If you only know part of the name of the horse (or are unsure of the spelling), type in part of the name and press enter. A screen will be displayed allowing you to filter options until the desired horse is found. Then double click on that particular horse. If the horse has already been entered as dead, be sure to check the Box "Dead Horses Only." Once back on the screen above, press **View/Print**.

➢ **Injury Summary Report**

    o This report produces an Excel spreadsheet of the data entered for a particular date range for a particular track. You will only be able to select tracks that you have been granted access to.

    o Select the date range and track

    o Then select if you want the report to show all injuries or just the fatalities

    o Then select **View/Print**

➢ **Quality Control Report Dates**

  o This report allows you to view which dates have been or have not been quality controlled for a racetrack. Again, you will only be able to view tracks that you have been granted access to.

  o Select either QC'd or Non-QC'd dates, track(s), and then **View/Print**

➢ DOWNLOAD INJURY REPORTING FORM

- o This features allows you to download paper copies of the blank injury reporting forms (training and race related) and the terminology sheet
- o These forms can be used in the field to facilitate reporting and transfer into the system. These forms were designed to follow the screen shots in the system.

Training/Non Racing Injury Reporting Form

Training / Non-Racing Injury Reporting Form

Case No.:

Date: / /   **Track/Facility:**

Horse Name: **Tattoo:**   **Breed:**
OR
Dam's Name   Thoroughbred   Paint   Quarter Horse   Mule   Appaloosa   Arabian

Year of Birth / Sex / Color:

Training Incident Information:

Surface:	Distance:		Type:	Resident Status:	Equipment
Dirt	Straightaway: / Turn(s):		Workout/ Breeze	Ship In	Blinkers Scoop Blinkers
Synthetic	100 yds 660 yds		Gallop	>1<10 Days	Cornell Collar Ring Bit
Turf	110 yds 730 yds		Jog	Resident	Flipping Halter Bit Burr
	150 yds 770 yds		Other	Unknown	Run-out Bit
	220 yds 870 yds				Bandages: Front Rear
	250 yds 880 yds				Other:_____ None Unknown
Condition:	300 yds 950 yds		**Direction:**	**Rider:**	**Shoeing**
Fast	330 yds 990 yds		Right Way	Jockey	FR HD
Good	350 yds 1000 yds		Wrong Way	Exercise Rider	Plain/Queens Plate ___ ___
Muddy	400 yds 1100 yds			Ponied	QXT ___ ___
Sloppy	440 yds 3F		**Triage Score**	**Human Injury**	Rim shoe ___ ___
Wet Fast	550 yds 4F				Toe grab ___ ___
	570 yds 4.5F			Yes No	(QH, HI, MED, LO)
Firm	575 yds 5F			Rider	Mud nails ___ ___
Good	600 yds 5 ¼ F			Other_____	Jar caulks ___ ___
Yielding	610 yds 5 ½ F			Horse Fell Fell Off	Blocked heels ___ ___
Soft	634 yds 6F			After Fall Kicked	Stickers ___ ___
	660 yds 6 ½ F			Other_____	Bent shoes ___ ___
	1F 7F				Full / Rim Pads ___ ___
	1.5F 7 ½ F		**Incident Related Information**		Bar Shoe ___ ___
	2F Mile				Spider plate ___ ___
	2.5F >Mile		Lost Rider Lost Shoe		¼ crack patch ___ ___
	3F Other___		Equipment Failure		Unshod ___ ___
	Other___		Ran Loose Stumbled		Hoof wall reconstruction_____
	Unknown Broke from Gate		Fell Ducked Bolted		Unknown
	Dogs Up About Distance		Contact w/other horse		Other_____
			Contact w/ rail / gate / vehicle		

Injury Description

	Limb	Category	Anatomic Region	Site	Injury, Illness or Disease Description
A					
B					
C					
D					

Training Incident Location	Non-Training Incident Information	Injury Management	Emergency Medication
	Location: In Stall	NONE	NONE
	Out of Stall/off track: Equine-designated area	Ambulance	Acepromazine
	Out of stall/off track: Non-equine area	Kimzey splint	Butorphanol
	On Site Medical Facility	Compression boot	Detomidine
	Loading Chute / Van	Robert Jones Bdg	Xylazine
Stretch	**Incident Information:**	Ext. stabilization,	Pred. Sodium Succinate
	Mounted Ponied In Hand	other_____	NSAID
	Got Loose Fell Collapsed	Sling	Other_____
Pole:____	Made contact with stable / stall / other	Rescue Sled	
XX Gate X Incident Occurred	Other_____	Other_____	

Outcome:

Unknown	Non-Fatality	Fatality: Euthanized Date: Died

Updated 7/29/09

Race Day Injury Reporting Form

Race Injury Reporting Form

Case No.:

Track:	Date: / /	Race:

Horse Name:

Age/Sex/Color (optional):	Breed:	Thoroughbred Quarter Horse Appaloosa Paint Mule Arabian

Reporting Veterinarian:	Attending Veterinarian:

Pre-Race & Post-Race	Weight Carried	Resident Status	Injury Observed

Pre race:
Official Veterinarian Scratch AM
Paddock / Post Parade / Gate
 	
Soundness / injury / other _____
 	
Post race: Past wire / Returning
         After unsaddling
         Detention Barn
Other: _____
		Ship-in
		>1<10 days
		Resident
		Unknown	

	Human Injury	**Triage Score**	
	Yes No Jockey Other_____ Horse Fell Fell Off After Fall Kicked Other_____		Stretch Pole: _____ XX Gate X Incident

Distance	Incident Information	Steward's Action	Injury Management	Emergency Medication
One Turn: Two Turns: No Turns: 440 yds 6 f 220 yds 660 yds 6 ½ f 250 yds 770 yds 7 f 300 yds 870 yds 7 ½ f 330 yds 1000 yds Mile 350 yds <5 f 1 mile 70 yd 400 yds 5 f 1 mile 1/16 450 yds 5 ½ f 1 mile 1/8 550 yds 6 f 1 mile 3/16 660 yds 6 ½ f 1 mile ¼ 7 f 1 mile 3/8 Other: 7 ½ f _____ Mile ____turn >Mile	Contact with rail /gate/ vehicle Contact w/ other horse Ducked Ran loose Stumbled Bolted Equipment Failure Fell Flipped Impeded Clipped heels Checked Collapsed Bothered Failed to maintain course Pulled Up Lost rider Lost Shoe(s)	NA Jockey – foul claim Stewards Inquiry DQ: Y N	NONE Ambulance Kimzey splint Compression boot Robert Jones Bdg Ext. stabilization, other _____ Sling Rescue Sled Other_____	NONE Acepromazine Butorphanol Detomidine Xylazine Pred. Sodium Succinate NSAID Other _____

Equipment	Shoes			Outcome
		FR	HD	

Blinkers
Scoop Blinkers
Bit Burr
Ring Bit
Run out Bit
Cornell Collar
Flipping Halter
Bandages: Front   Rear
Other: _____
Unknown
	Plain/Queens Plate
	QXT
	Rim shoe
	Toe grab
	(QH, HI, MED, LO)
	Mud nails
	Jar caulks
	Blocked heels
	Stickers
	Bent shoes
	Full / Rim Pads
	Bar Shoe
	Spider plate
	¼ crack patch
	Unshod
	Hoof wall reconstruction
	Unknown
	Other _____
		___
		___
		___
		___
		
		___
		
		___
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			___
			
			___
			
			___
			___
			___
			___
			___
			___
			___
			___
				Non-fatality
				
				Fatality
				   Euthanized
				       Date: _____
				   Died
				
				Unknown

				Comments

Injury Description

	Limb	Category	Anatomic Region	Site	Injury Description
A					
B					
C					
D					

Updated 7/20/09

Injury Reporting Terminology

Limb	Category	Region	Site	Modifiers
Unknown	**UNKNOWN**			Lame Grade I Grade II Grade III Grade IV Grade V
LF RF LH RH BF BH All 4 NA	**FRACTURE**	Distal Limb	Sesamoid-med Sesamoid-lat Sesamoid-biax MC$_3$ / MT$_3$ Carpal bones P$_1$ / P$_2$ P$_3$ Splint-med Splint-lat Tarsal bones	Chip (+/- multiple) Condylar Slab Cortical Compound / Closed Incomplete / Comminuted Displaced / Nondisplaced Apical / Basilar Dorsal-Frontal / Palmar-Plantar Proximal / Mid / Distal Medial / Lateral
	NON-FRACTURE	Long Bone	Humerus Femur Radius/Ulna Tibia	Tranverse / Saggital Spiral / Oblique Axial / Abaxial
		Axial Skeleton	Skull Spine Cervical / Thoracic Pelvic / Coccygeal Pelvis	OCD Periosteitis Osteitis Physitis Subchondral bone disease
	SOFT TISSUE	Suspensory	Medial branch Lateral branch Body Check ligament Distal Ses. Lig Origin	Tendinitis / Desmitis Strain / Bow Failure-Rupture Acute / Chronic / Reinjury Avulsion / Lacerated / Severed Myalgia / Myositis
		Flexor Tendon	CDExt SDF	
		Tendon Sheath	DDF SDF/DDF	Proximal 1/3 Mid 1/3 Distal 1/3
		Muscle		Distal to fetlock
		Other:		Proximal to carpus
	JOINT	Fetlock Carpus Interphalangeal Pastern Stifle Hock Other:		DJD/OA Subluxation / Luxation / Disarticulaton Closed / Compound Instability: D/P M/L Mild / Moderate / Severe
				Modifiers:
	OTHER- MS	Laceration / Abrasion / Hematoma / Puncture Run down sore / Grabbed ¼ Quarter crack / hoof injury Foot Bruise / subsolar abcess / shoeing-related injury Trauma, unknown extent Other:		
	NON-MS	Post exertional distress / Heatstroke Synchronous dia. Flutter Cardiac arrhythmia EIPH—external hemorrhage Sudden Death Other: Diseases & Illnesses: Colic / Diarrhea / Colitis / Gastric Ulcer Laminitis / Septicemia Respiratory Disease / Pleuropneumonia Pulmonary Hemorrhage EIA / EHV / WNV / Strep Equi / EEE/WEE EPM Pleuritis Rhabdomyolysis (Tied up) Other:		
	NEUROLOGIC	Ataxia / Paresis / Paralysis Seizure CNS / PNS Trauma Other:		

TRIAGE SCORING:

0	No Lameness detected
I	Grade III or lower lameness; no obvious limb deformity
II	>Grade III lameness; no obvious limb deformity
III	Mild to moderate limb instability in 1 plane; closed injury
IV	Severe instability in 1 plane; closed injury
V	Limb instability in 2 or more planes / loss of column of support (open or closed); open: fx/joint capsule/tendon sheath

➢ QUALITY CONTROL MAINTENANCE

- o **Quality Control** is a feature that allows you to indicate when reporting is complete for a race day. This includes reporting of no injuries for a day. Once you are satisfied that the information for a day is complete, check off that particular date and select **Update**.
- o If you select a date to be Quality Controlled and more information becomes available of a particular injury at a later date, you can still update a particular injury through the horse injury maintenance screen.

CHAPTER V

Revising and Updating Information

You can return to a previously entered injury report to update or revise information for tracks that have authorized your access. Just follow the same screen by screen instructions. There are 2 main ways to update or revise information:

- Refer to **Chapter IV**, page 7→ Return to the Race Day Injury Occurrence screen and find the track, race day, and horse or go to the Horse Injury Maintenance screen, select the horse, and then select the injury to update.

(**_Note:_** All authorized users at a given racetrack are able to amend any report generated for that track. Incident Report access is restricted on a track-by-track basis, not by individual users at a given track.)

CHAPTER VI

<u>Data Access and Confidentiality</u>

Only authorized users have access to the data. While InCompass owns the module (framework for entering the data) and The Jockey Club owns the database, the data entered by the veterinarian at the racetrack belongs to each racetrack. Racetrack management will regulate access to their track's data through the ability to authorize or deny user access.

InCompass will not make raw data and/or racetrack-specific data available to the public or the media. However, under their agreement with the track, The Jockey Club can use the data entered by each racetrack as a source for research directed at improving the safety of and preventing injuries to equines and to publish summary statistical data from participating racetracks, all for non-commercial purposes. Racetrack or participant-specific data will be released only if permission is granted by the racetrack to do so.

Maintenance of confidentiality requires authorized users to closely guard access to information.

<u>DO NOT</u> share user name / password information. If another individual has legitimate need to access the database, authorized user status should be granted by the racetrack. A user name and password can then be established for that individual.

Internal quality control at InCompass logs user identity — based on log in information — when data is entered or changed.

➢ **Data analysis**
The Jockey Club will generate composite statistics that will be made public. Racetracks are able to run reports containing only their own data through the InCompass module.

➢ **Quality control by InCompass and The Jockey Club**
Data entry patterns, corresponding to ongoing race meets, will be monitored to identify inconsistencies or lapses in report submissions.

Vets' lists will be screened to verify corresponding injury report submission.

Horses identified by the Equibase chartcaller as broke down, vanned off, horse fell, pulled up, and returned lame will be flagged to alert the authorized user of the EID to a possible injury report submission.

Inconsistencies in any of the above criteria will initiate contact with the reporting veterinarian to determine if injury report submission is warranted.

CHAPTER VII

<u>User Support & Feedback</u>

Reporting veterinarians are encouraged to provide feedback that will improve ease of use of the online system and the quality of information collected.

For software-related issues, please contact InCompass Tech Support at equineinjury@incompass-solutions.com or 800-625-4664, ext. 3.

For content-related issues, please contact Dr. Mary Scollay at scollayvet@aol.com or Kristin Hix, Michelle Penna, or Cathy McNeeley at equineinjury@incompass-solutions.com

CHAPTER VIII

COMMON INJURY REPORT EXAMPLES

Example 1: LF suspensory rupture and RF laceration and the jockey fell off due to the horse falling

- Once the horse has been selected, fill in the pertinent information on screen one (Veterinarian, jockey injured, resident status, turns, injury first observed and triage score). And select **Next**.

- Put in each injury separately. Lets start with the LF Suspensory Rupture by selecting the **limb = LF**

- Next select the **Category = Soft Tissue**

- Then the **Region = Suspensory**

- Then select the **Site** = **Body/Origin** and press **Edit**

- A screen will open up with a list of modifiers. Select **Failure/Rupture** and then **Ok.**
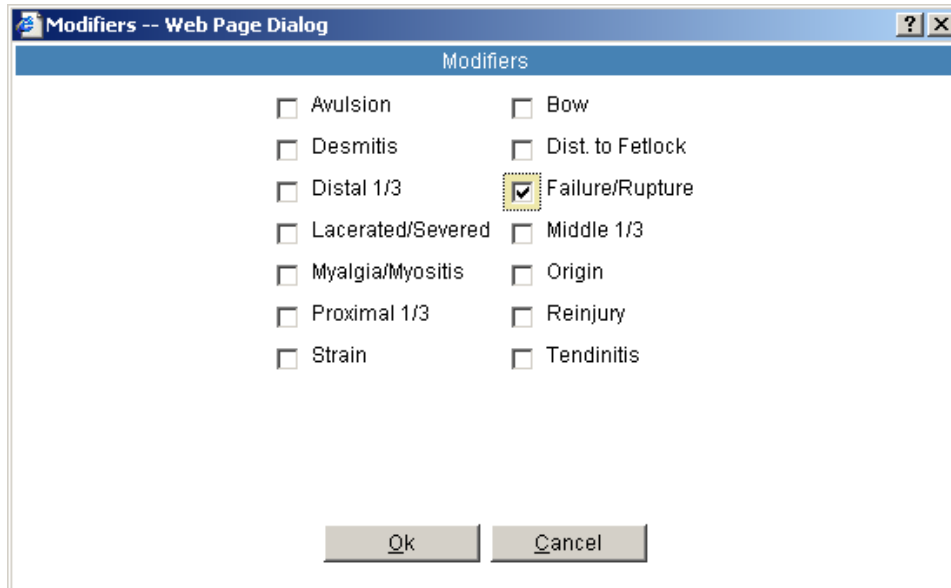
- Once back on screen two, select **ADD** and the injury will appear in yellow in the top box
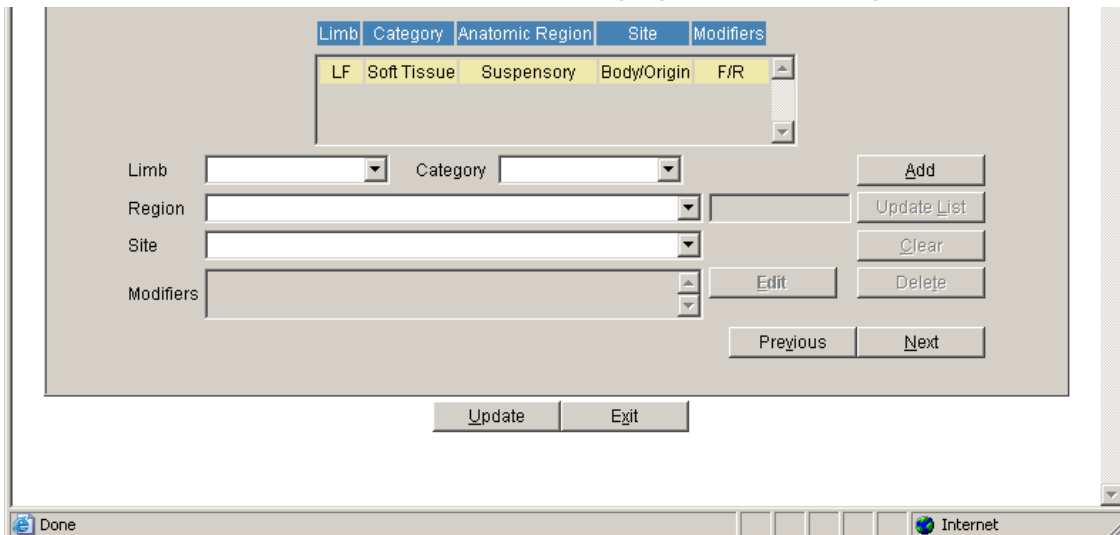
- Now continue to the RF laceration by selecting the **Limb = RF, Category = Other MS**. There will not be a region or site associated with items in the Other MS category. Then select **Edit**
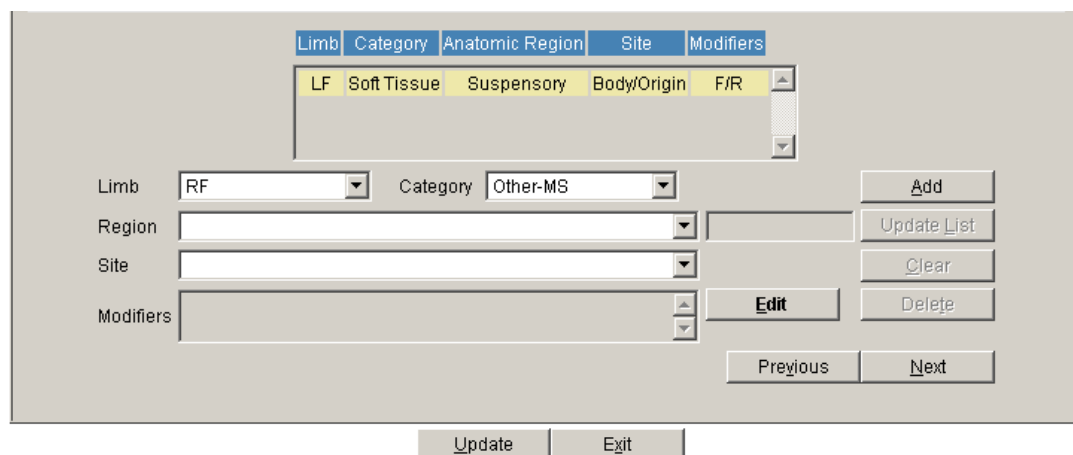
- Select **Laceration** on the Modifier box and then **Ok.**

- Then once back on screen two, select **ADD** and then **Next** to go to screen 3

- Once on screen three, include any information (if any) related to each category: Incident Related information, Steward's Action, Injury Management, Emergency Medications, Equipment, and Shoes. Then Select the Outcome (Non Fatality, Fatality or Unknown). Once complete, select Update.
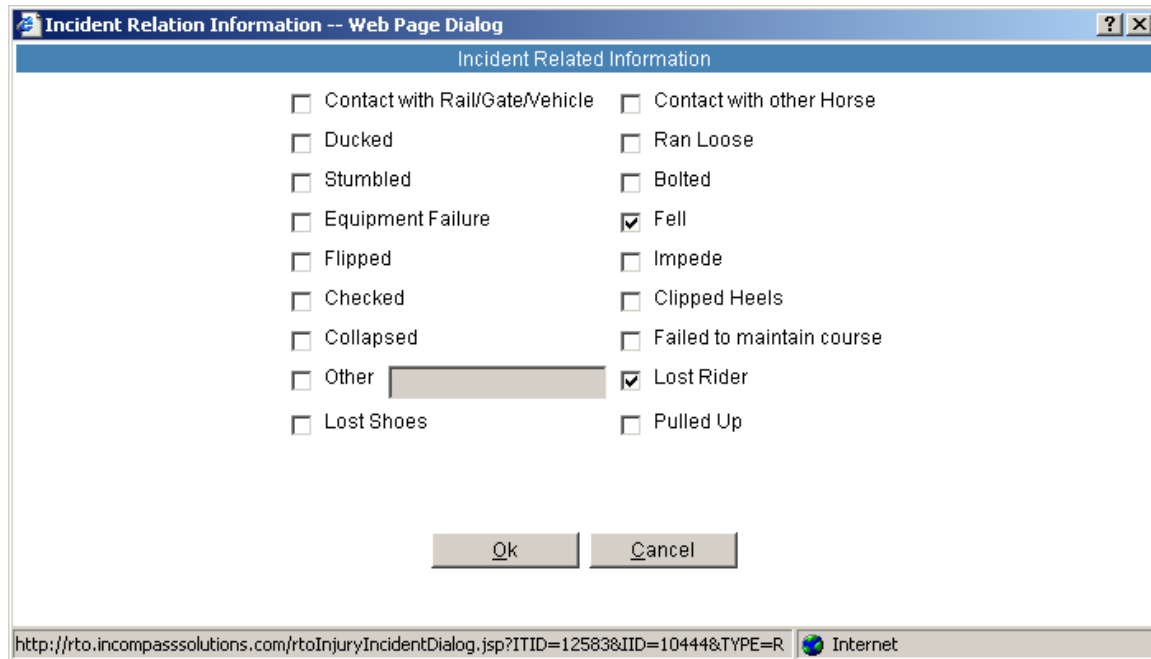
- This example included the Jockey falling off and the horse falling, so select **Edit** beside the Incident Related Information box to open a list of possible related information. Select **Fell** and **Lost Rider** then **OK** to return to screen 3

- Lastly, select Update and the information will be stored in the Database.

Example 2: Pre Race Scratch due to Colic

- Once the horse has been selected, fill in veterinarian information, and then click on the **Edit** button next to **Pre-Race**.

- Once the next screen appears, Select **Pre-Race** which will then illuminate the shadowed boxes on the right. Click **Morning**, and then **Ok** to return to screen 1. You do NOT need to place anything in the other box. All injuries or conditions should be entered on screen two.

- Once back on screen one, complete the resident status and triage score (which in this case is 0). Then press **Next**.

- On Screen 2, select **Limb = N/A**, **Category = Non-MS**. Then **Edit**.

- The Edit screen will offer a wide variety of **Non-MS** conditions to choose from. For this example, select **Colic**. This is the same screen used when entering tied up, upper respiratory infection, EIPH, Sudden Death, etc. Once the desired condition is selected, click **Ok** to return to screen two.

- Once back on Screen two, select **Add**. Then continue to screen three by clicking **Next** if no other injuries or conditions need to be reported.

Limb	Category	Anatomic Region	Site	Modifiers
NA	Non-MS			COL

Limb [ ] ▼   Category [ ] ▼   [Add]

Region [ ] ▼ [ ]   [Update List]

Site [ ] ▼   [Clear]

Modifiers [ ] ▲▼   [Edit]   [Delete]

[Previous]   [Next]

[Update]   [Exit]

- In this example, there are no other factors related to the condition, so select, non-fatality and then Update to submit data to the database.

Incident Related Information: [None]   [Edit]

Steward's Action: [None]   [Edit]

Injury Management: [None]   [Edit]

Emergency Medications: [None]   [Edit]

Equipment: [Not Reported]   [Edit]

Shoe: [Not Reported]   [Edit]

Outcome: ⦿ Non-Fatality   ○ Fatality   ○ Unknown
○ Died
○ Euthanized

Date of Death: [ ]   [Previous]

[Update]   [Exit]

Example 3:
A horse wearing blinkers hits gate at start, finishes the race, but returns to the saddling area lame on the RH and has grabbed a quarter on the LF

- Once the horse is selected, enter the vet information. Since this horse actually runs in the race, you Do Not use the Pre-Race tab for hitting the gate. This information will be placed on screen three. However, since the horse returned lame, you would need to select the Edit button and select the Post Race tab.

- Once on the edit screen, select **Returned Lame** and **Ok** to return to screen one.

- Now back on screen one, select the **resident status** and **triage score**. Continue by selecting **Next** for screen two.

- Now on screen two, start with one injury at a time. First select **Limb = RH**, **Category= Unknown**, then select **Edit**.

- On the **Edit** screen, select the Grade of lameness. In this case let's select **Lame**. If you can grade the lameness, do so on this screen. Then select **Ok** to return to screen two.

- Then once back on screen two, select **Add**. Now continue with the other injury. Select **Limb = LF, Category = Other –MS**, then select **Edit**.

- 45 -

- On the **Edit** screen, select **Grabbed ¼** and then **Ok** to return to screen two.

- Select **Add**. Then after both injuries appear in the top box, select **Next** to continue to screen three.

- On screen three is where you will record that the horse hit the gates. Select the **Edit** box beside **Incident Related Information**.

- On the **Edit** screen, select **Contact with Rail/Gate/Vehicle**. Then select **Ok** to return to screen three.

- Select the **Edit** button next to **Equipment** to record that the horse was wearing blinkers.

- On the **Edit** screen, select **Blinkers**, then **Ok** to return to screen three.

Equipment

- [x] Blinkers
- [ ] Scoop Blinker
- [ ] Cornell Collar
- [ ] Ring Bit
- [ ] Run-Out Bit
- [ ] Bit Burr
- [ ] Flipping Halter
- [ ] Other [   ]
- [ ] Unknown [   ]

[Ok]   [Cancel]

- If no other incidents occurred, then select **Update** to complete this record.

Incident Related Information: Contact with Rail/Gate/Vehicle	Edit
Steward's Action: None	Edit
Injury Management: None	Edit
Emergency Medications: None	Edit
Equipment: Blinkers	Edit
Shoe: Not Reported	Edit

Outcome: ⦿ Non-Fatality   ○ Fatality   ○ Unknown
                ○ Died
                ○ Euthanized
Date of Death: [   ]   [Previous]

[Update]   [Exit]