Racing Injuries – Reporting and Prevention

University of Arizona Race Track Industry Program 35th Annual Symposium on Racing & Gaming

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School of Veterinary Medicine

University of California

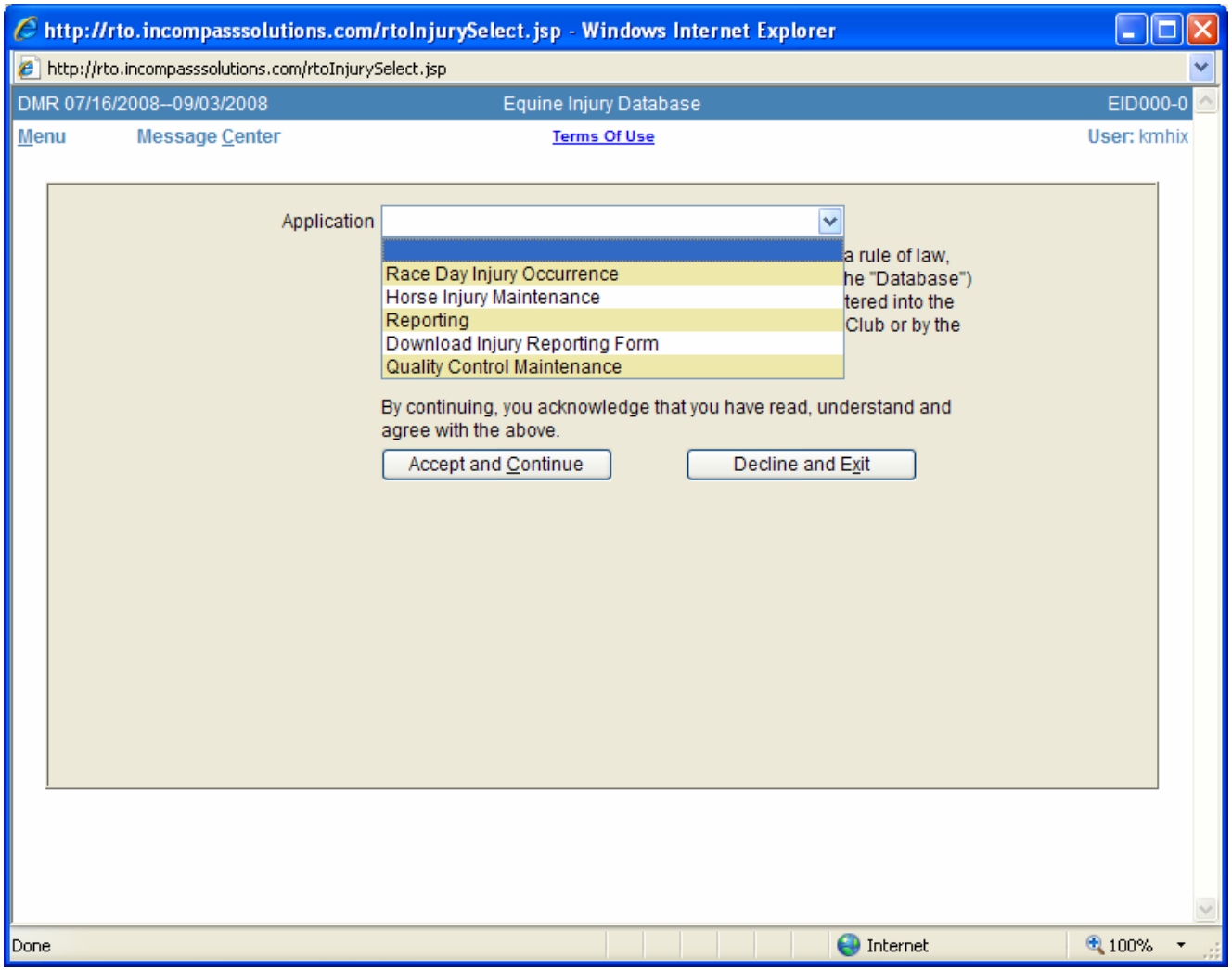
Davis, CA

Equine Injury Database (EID)
&
Pre-race Exam Module

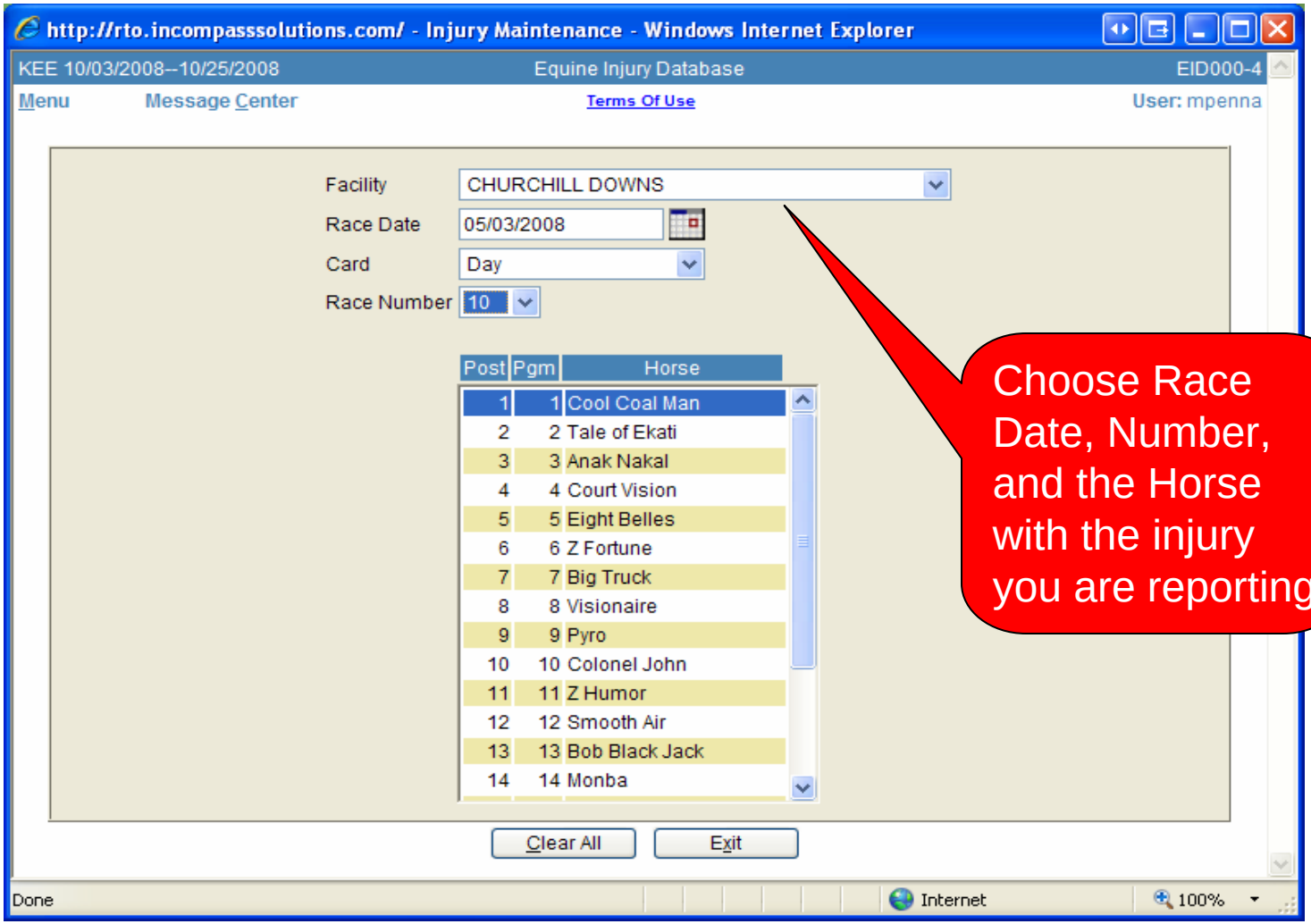
Equine Injury Database

- The Equine Injury Database is a module of InCompass' Race Track Operations Software ("RTO") program which is in place at most racetrack in the United States and Canada.
- This allows the injury reports to be tied to race information via Equibase data and horse and pedigree information via The Jockey Club.
- For more information on RTO, please visit www.incompass-solutions.com.

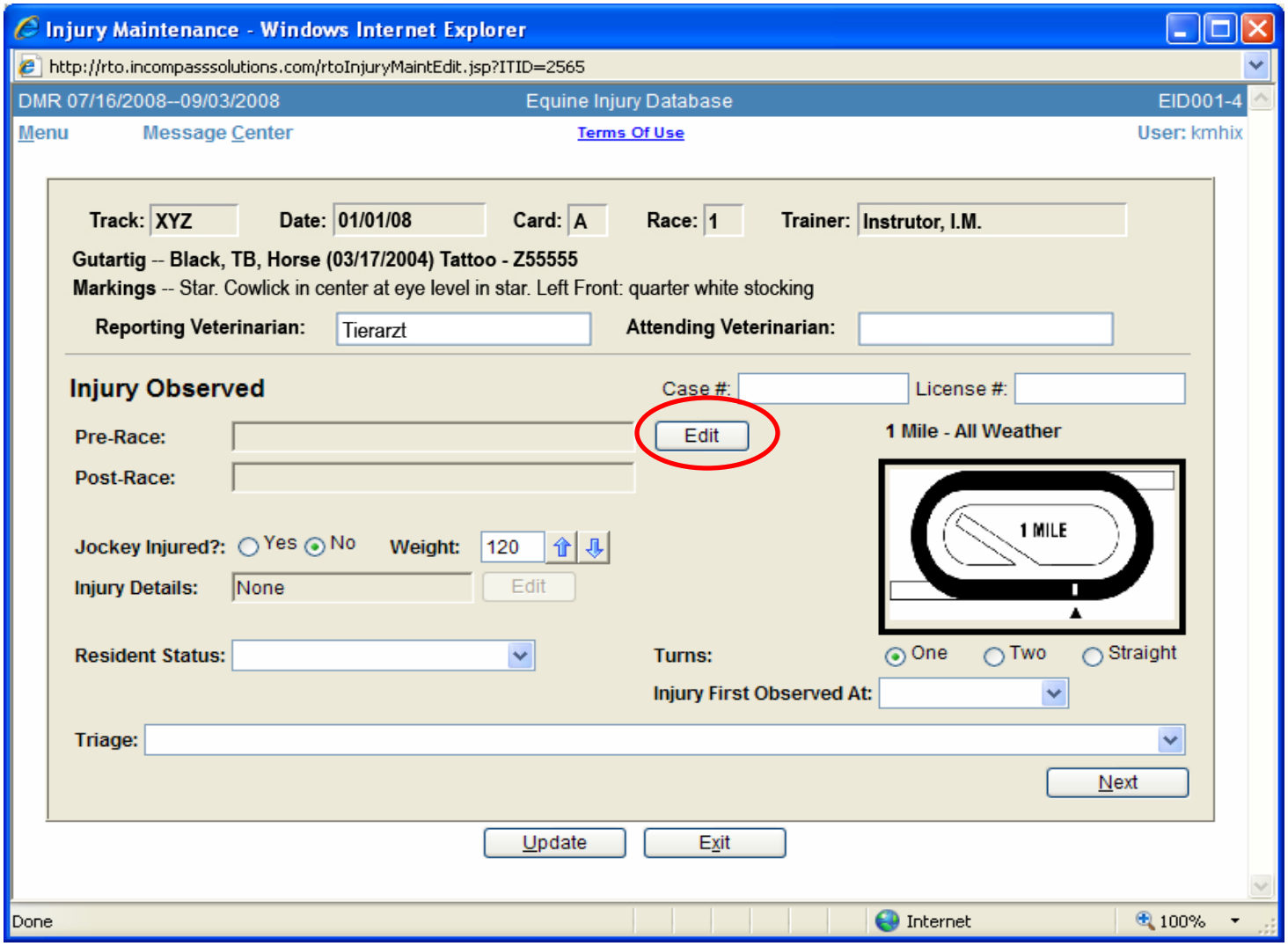
Main Menu

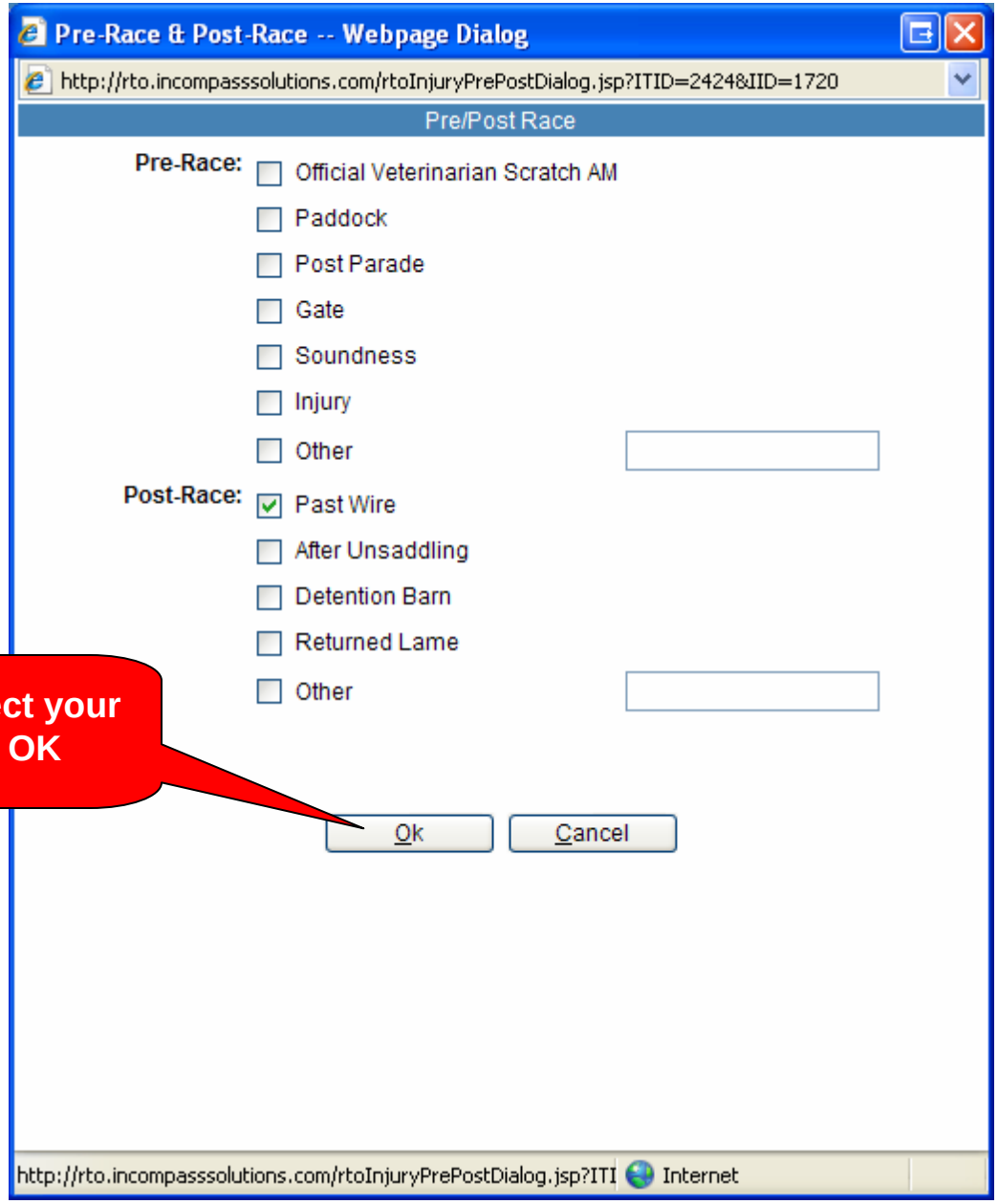

http://rto.incompasssolutions.com/rtoInjurySelect.jsp - Windows Internet Explorer
http://rto.incompasssolutions.com/rtoInjurySelect.jsp
DMR 07/16/2008--09/03/2008
Equine Injury Database
EID000-0
Menu
Message Center
Terms Of Use
User: kmhix
Application
Race Day Injury Occurrence
Horse Injury Maintenance
Reporting
Download Injury Reporting Form
Quality Control Maintenance
a rule of law,
he "Database")
tered into the
Club or by the
By continuing, you acknowledge that you have read, understand and agree with the above.
Accept and Continue
Decline and Exit
Done
Internet
100%

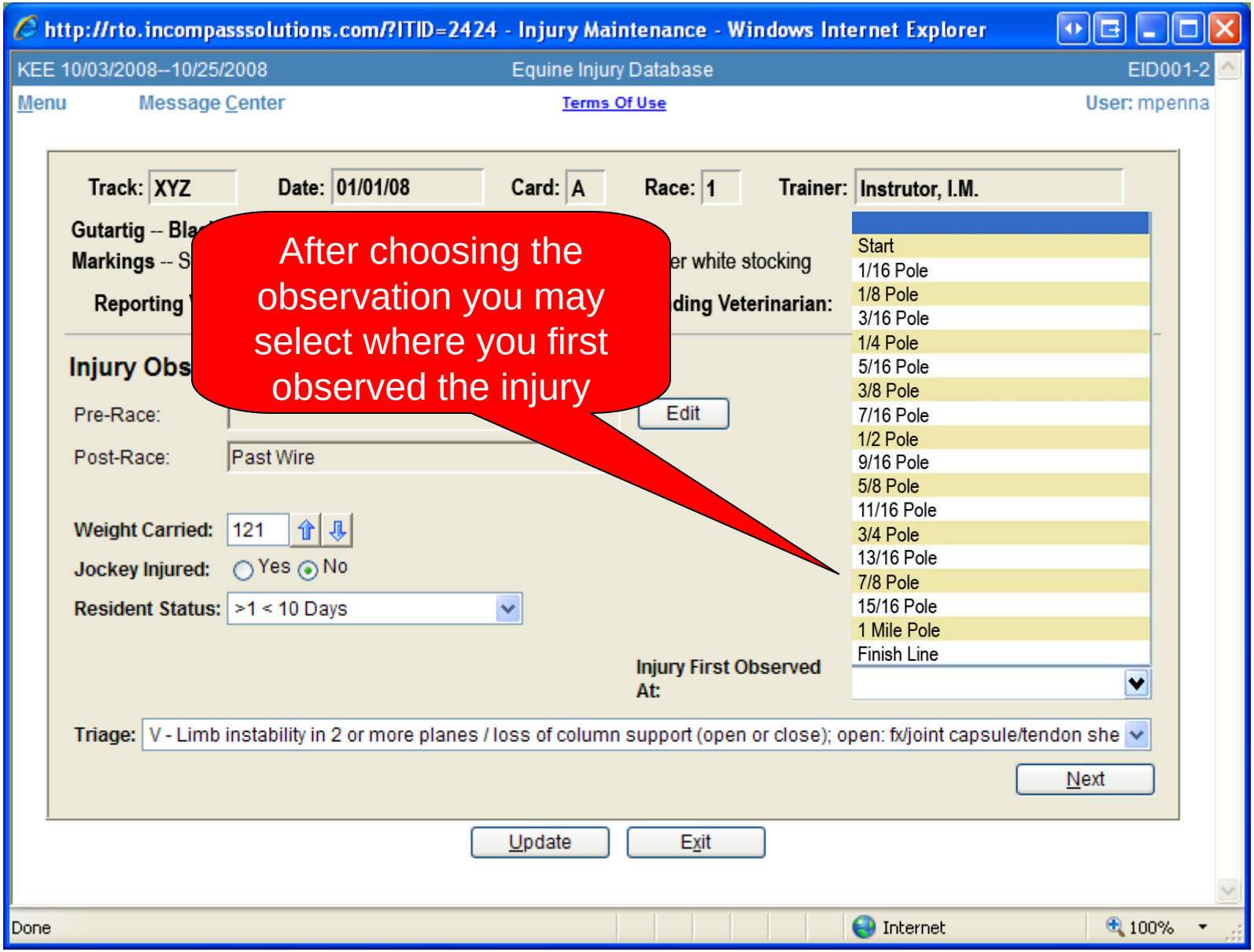
Race Day Injury Occurrence

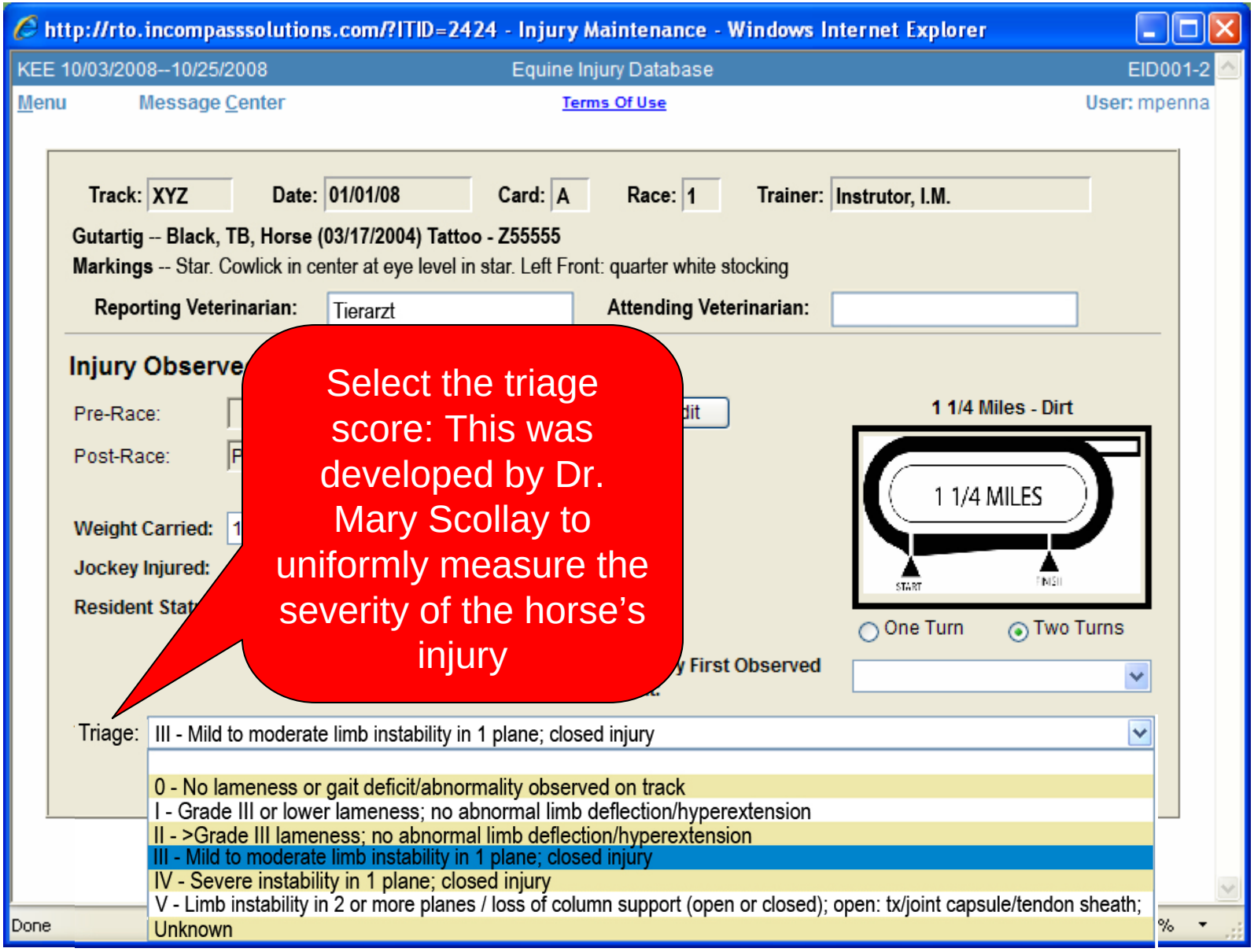


First Screen: Injury Observed




Pre-Race & Post-Race -- Webpage Dialog
http://rto.incompasssolutions.com/rtoInjuryPrePostDialog.jsp?ITID=2424&IID=1720
Pre/Post Race
Pre-Race:
Official Veterinarian Scratch AM
Paddock
Post Parade
Gate
Soundness
Injury
Other
Post-Race:
Past Wire
After Unsaddling
Detention Barn
Returned Lame
Other
Ok
Cancel
http://rto.incompasssolutions.com/rtoInjuryPrePostDialog.jsp?ITI
Internet
After you select your choices, click OK


http://rto.incompasssolutions.com/?ITID=2424 - Injury Maintenance - Windows Internet Explorer
KEE 10/03/2008--10/25/2008
Equine Injury Database
EID001-2
Menu
Message Center
Terms Of Use
User: mpenna
Track: XYZ
Date: 01/01/08
Card: A
Race: 1
Trainer: Instrutor, I.M.
Gutartig -- Bla
Markings -- S
er white stocking
Reporting
ding Veterinarian:
Injury Obs
After choosing the observation you may select where you first observed the injury
Pre-Race:
Edit
Post-Race:
Past Wire
Weight Carried: 121
Jockey Injured: Yes No
Resident Status: >1 < 10 Days
Injury First Observed At:
Start
1/16 Pole
1/8 Pole
3/16 Pole
1/4 Pole
5/16 Pole
3/8 Pole
7/16 Pole
1/2 Pole
9/16 Pole
5/8 Pole
11/16 Pole
3/4 Pole
13/16 Pole
7/8 Pole
15/16 Pole
1 Mile Pole
Finish Line
Triage: V - Limb instability in 2 or more planes / loss of column support (open or close); open: fx/joint capsule/tendon she
Next
Update
Exit
Done
Internet
100%



Select the triage score: This was developed by Dr. Mary Scollay to uniformly measure the severity of the horse's injury

http://rto.incompasssolutions.com/?ITID=2426 - Injury Maintenance - Windows Internet Explorer

KEE 10/03/2008--10/25/2008 | Equine Injury Database | EID001-4

Menu | Message Center | Terms Of Use | User: mpenna

Track: XYZ **Date:** 01/01/08 **Card:** A **Race:** 1 **Trainer:** Instrutor, I.M.

Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555

Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking

Reporting Veterinarian: Tierarzt **Attending Veterinarian:**

Injury Observed

Pre-Race: Edit

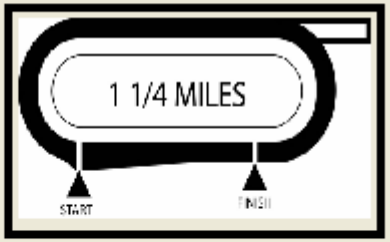
Post-Race: Past Wire

Weight Carried: 121

Jockey Injured: ○ Yes ◉ No

Resident Status: >1 < 10 Days

1 1/4 Miles - Dirt



○ One Turn ◉ Two Turns

Injury First Observed At:

Triage: V - Limb instability in 2 or more planes / loss of column support (open or close); open: fx/joint capsule/tendon she

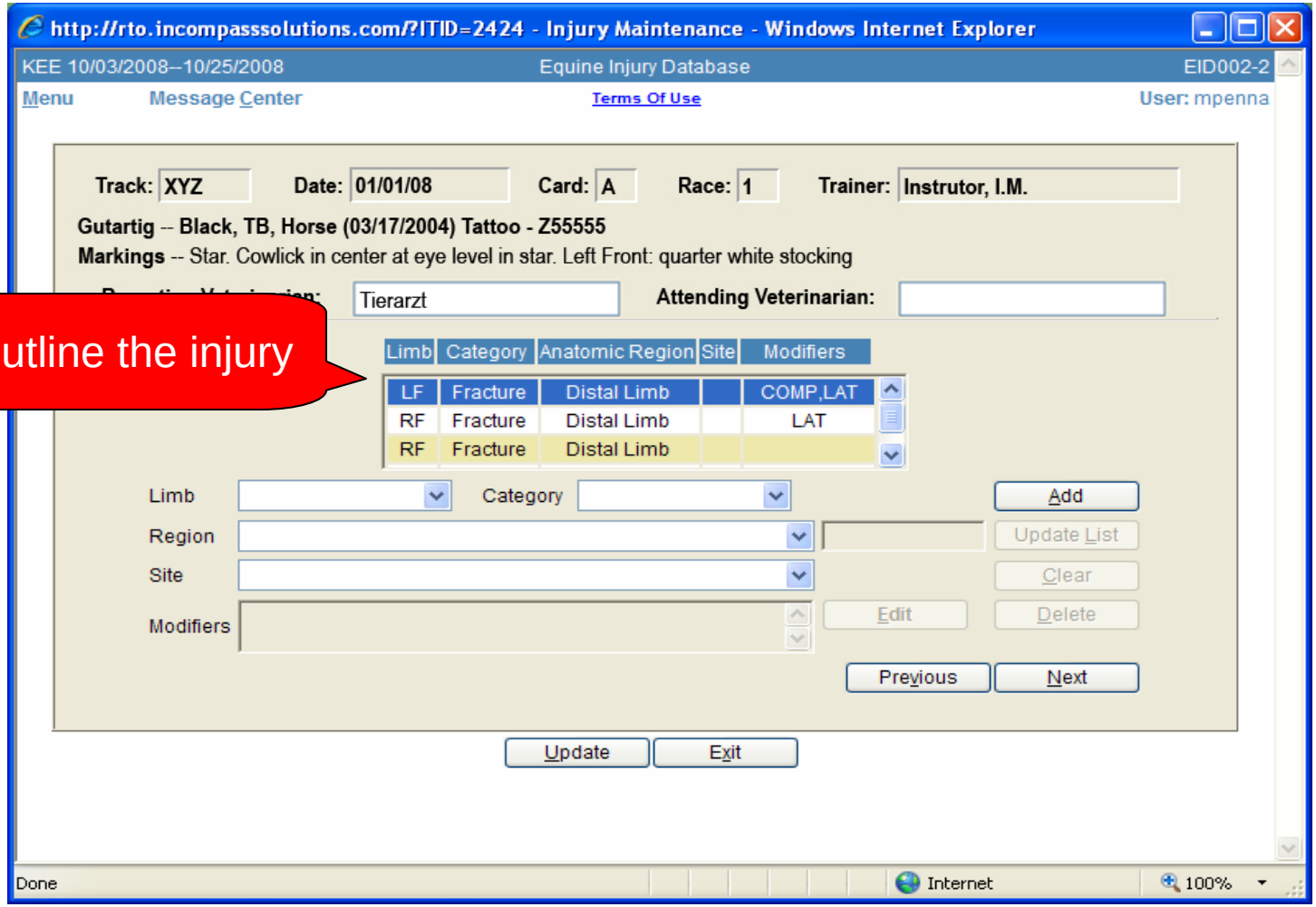
Next

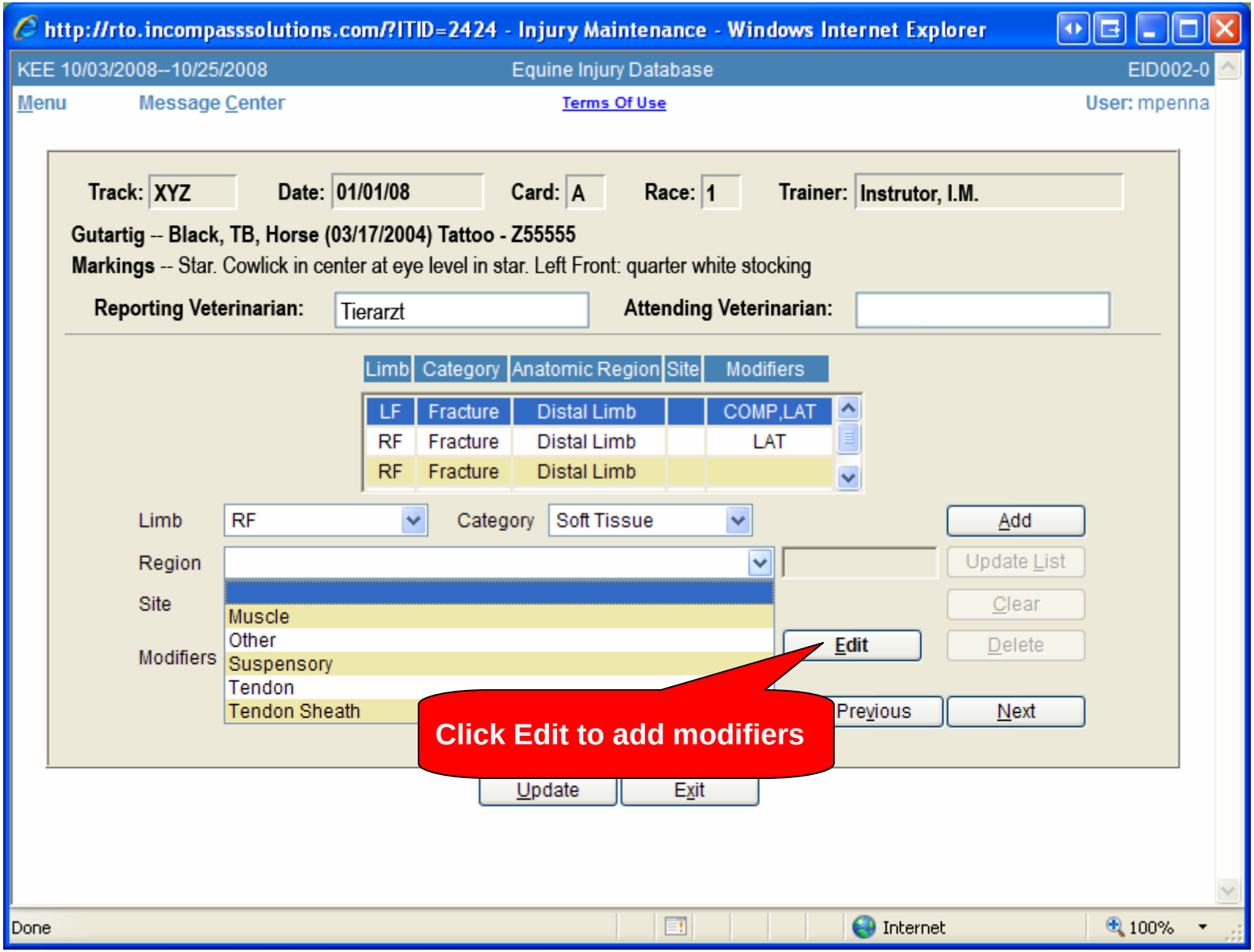
Update | Exit

Click Next to move to the next screen

Done | 100%

Second Screen: Injury Description




http://rto.incompasssolutions.com/?ITID=2424 - Injury Maintenance - Windows Internet Explorer
KEE 10/03/2008--10/25/2008
Equine Injury Database
EID002-0
Menu
Message Center
Terms Of Use
User: mpenna
Track: XYZ
Date: 01/01/08
Card: A
Race: 1
Trainer: Instrutor, I.M.
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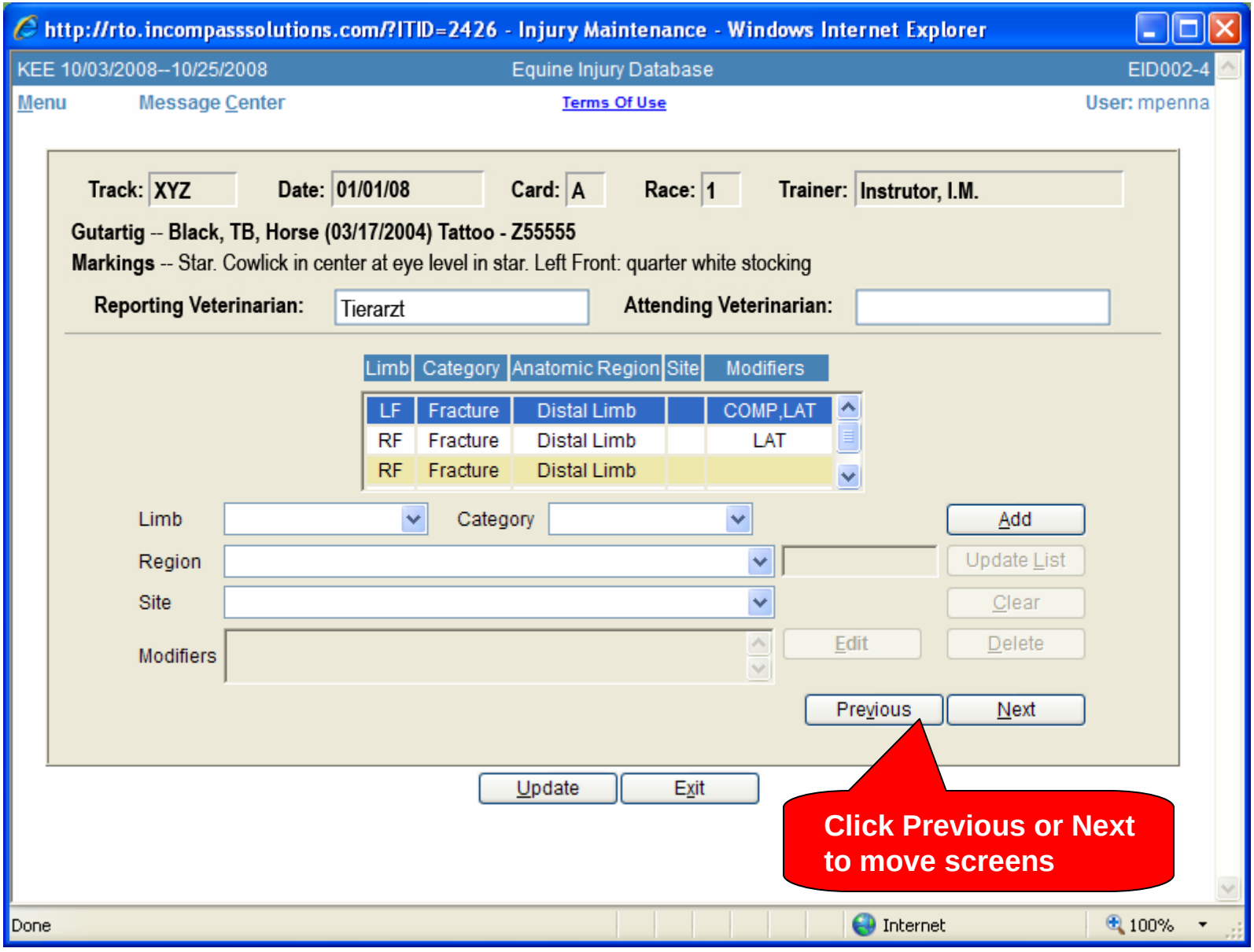
Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking
Reporting Veterinarian: Tierarzt
Attending Veterinarian:
Limb
Category
Anatomic Region
Site
Modifiers
LF
Fracture
Distal Limb
COMP,LAT
RF
Fracture
Distal Limb
LAT
RF
Fracture
Distal Limb
Limb
RF
Category
Soft Tissue
Region
Site
Modifiers
Muscle
Other
Suspensory
Tendon
Tendon Sheath
Add
Update List
Clear
Edit
Delete
Previous
Next
Click Edit to add modifiers
Update
Exit
Done
Internet
100%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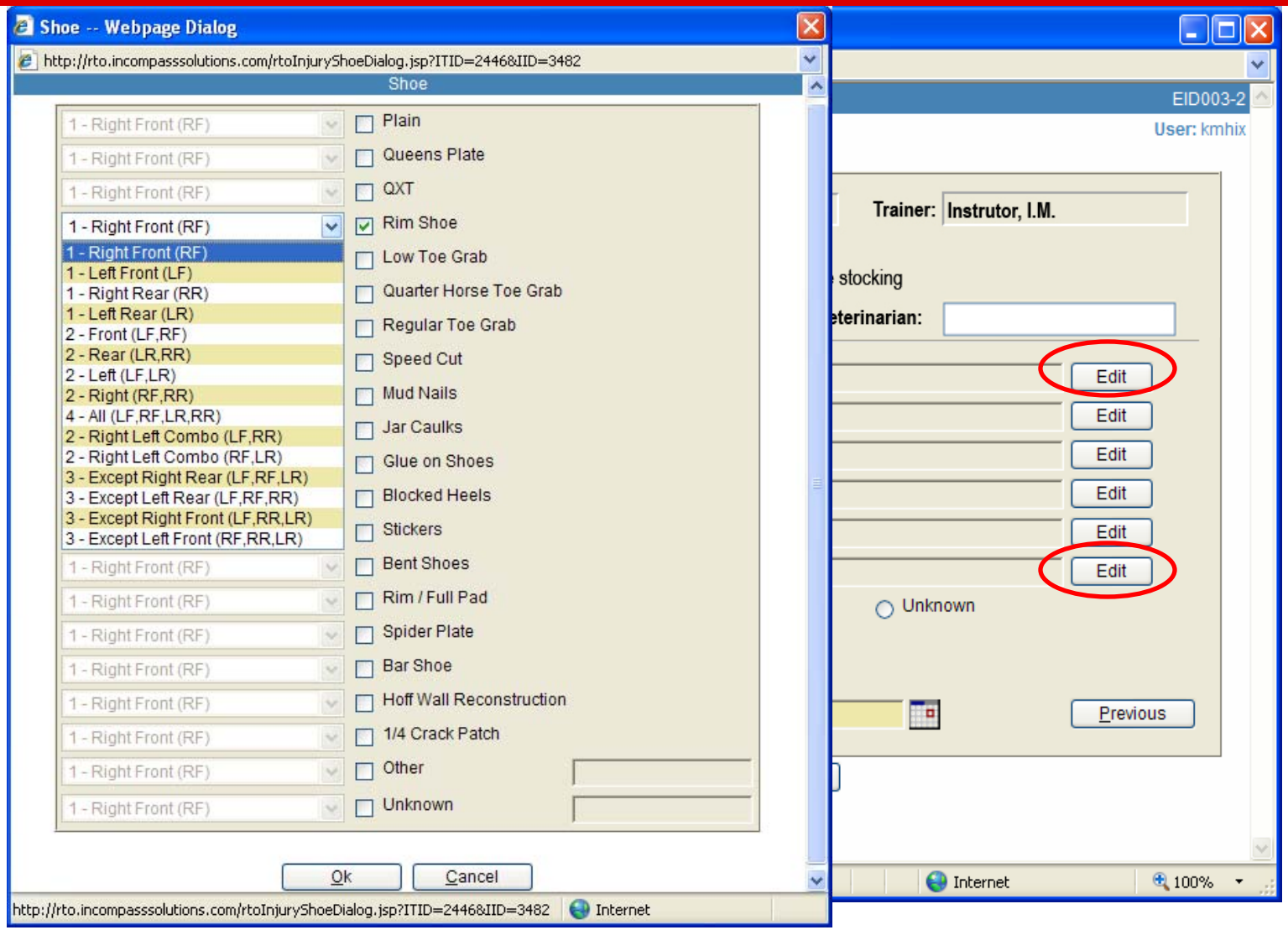
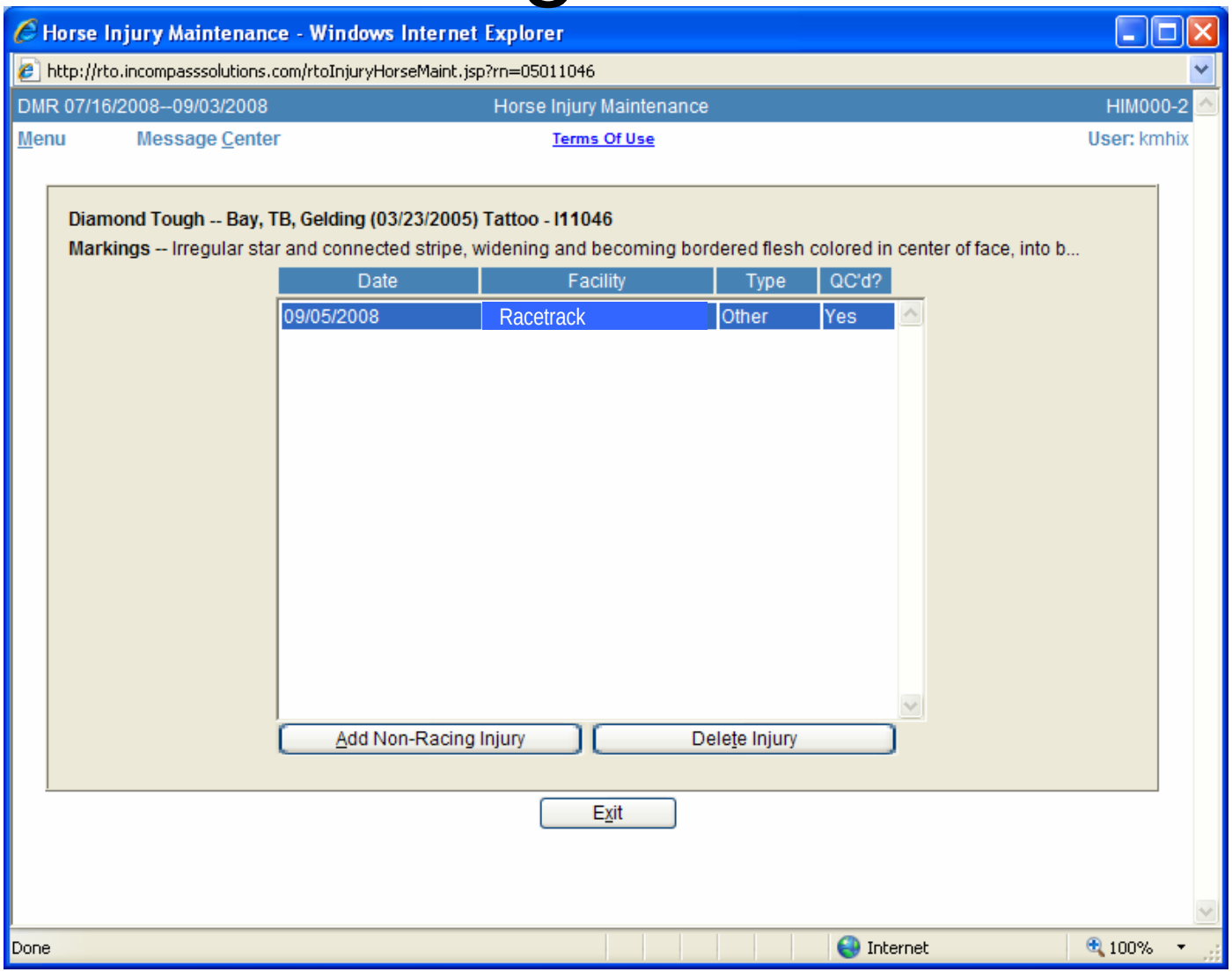
LAT
RF
Fracture
Distal Limb
Limb
Category
Region
Site
Modifiers
Add
Update List
Clear
Edit
Delete
Previous
Next
Update
Exit
Click Previous or Next to move screens
Done
Internet
100%

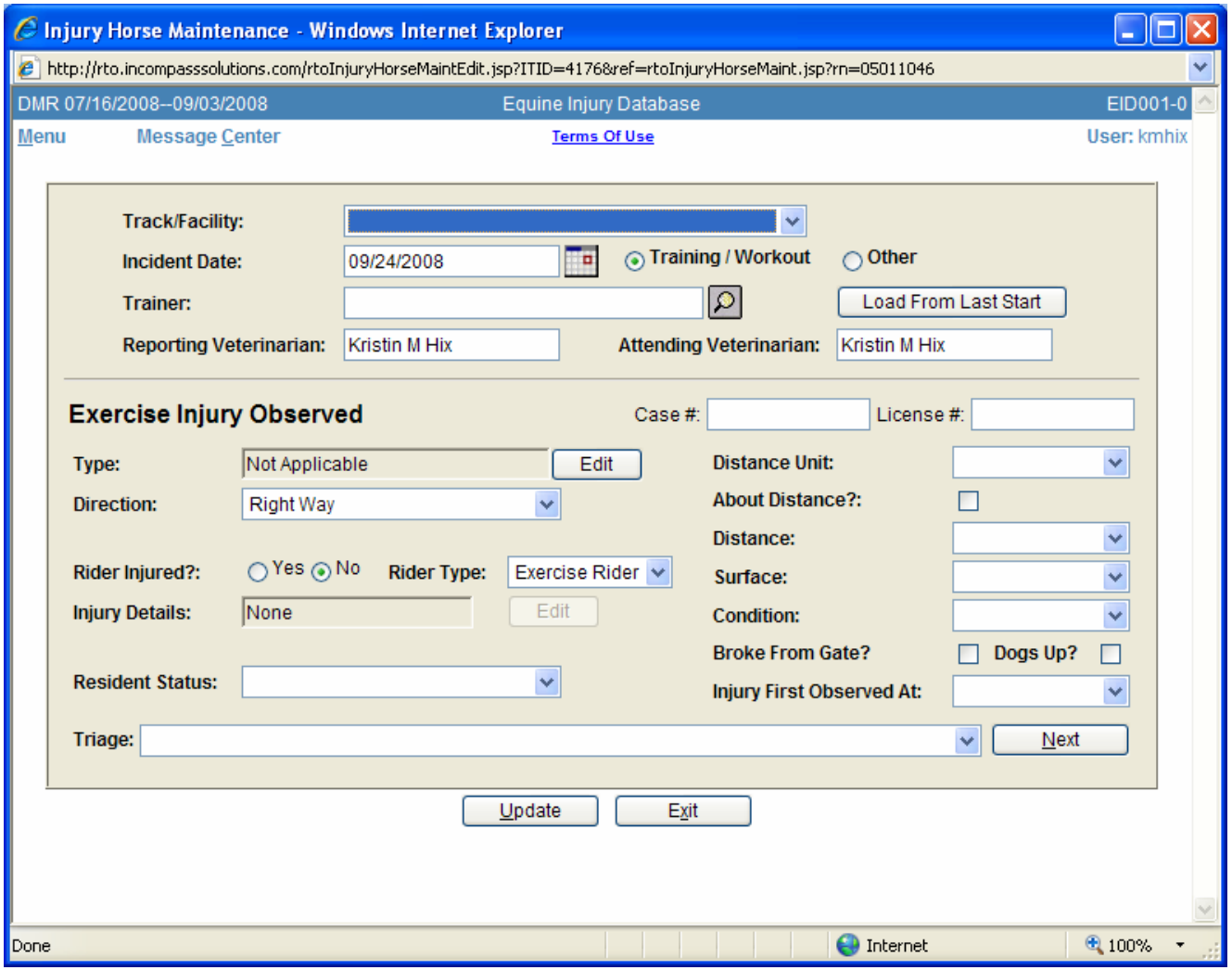
Third Screen: Incident Information



Non-Race Related Injury: Training or Other



First Screen: Injury Observed



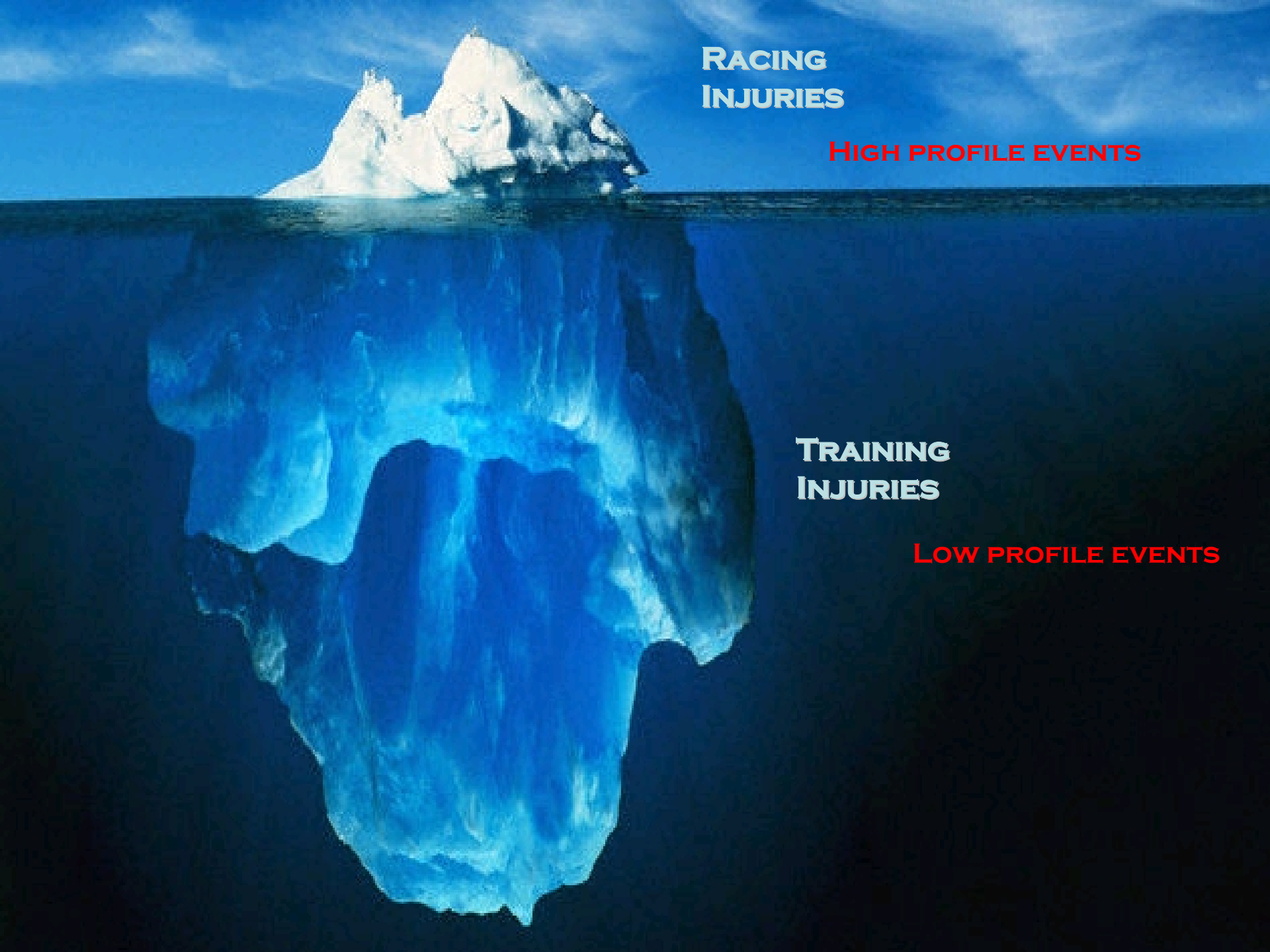
Other Options Available in EID

- Reporting: Download a variety of reports for quality control and statistical summary purposes.
- Download Injury Reporting Form: Download paper injury reports to be used in the field and then entered into the Database.
- Quality Control Maintenance: Ensure data is being fully and accurately reported into the EID.

http://rto.incompasssolutions.com/

Pre-race Exam Module

http://rto.incompasssolutions.com/


Racing
Injuries
High profile events
Training
Injuries
Low profile events

Southern California Equine Foundation

Private Practitioner Injury Reporting Program

http://www.scef-inc.com/SCEF/VetReports/injury/default.cfm

All Fatalities by Activity

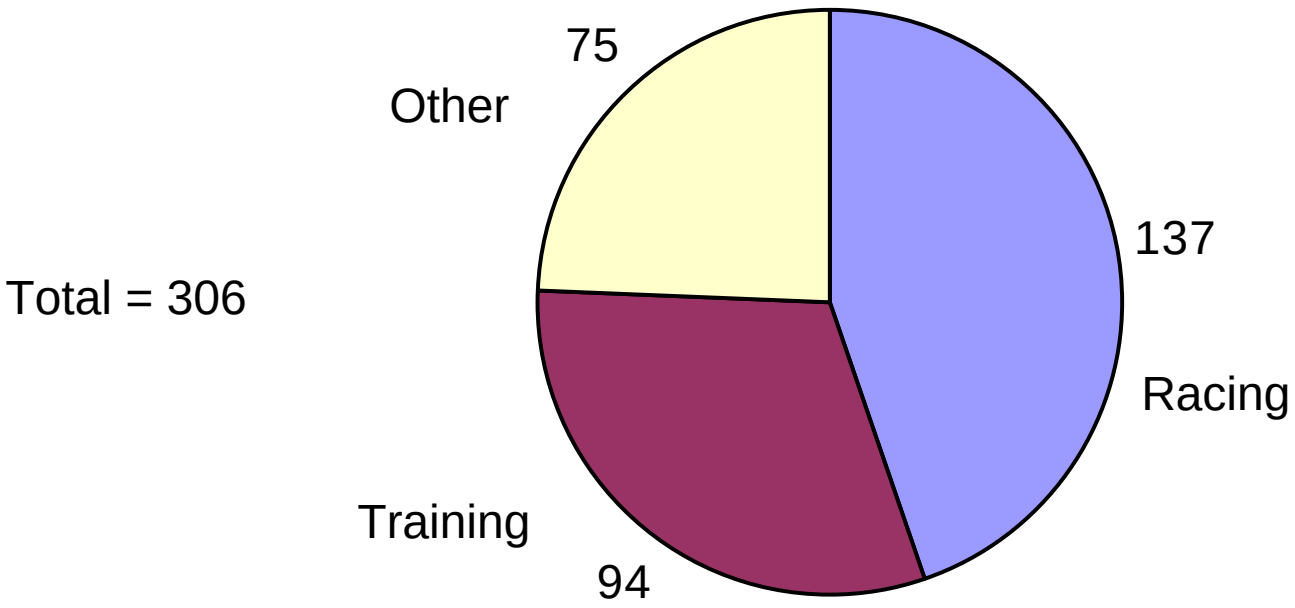


Figure 1

Fatalities by Organ System

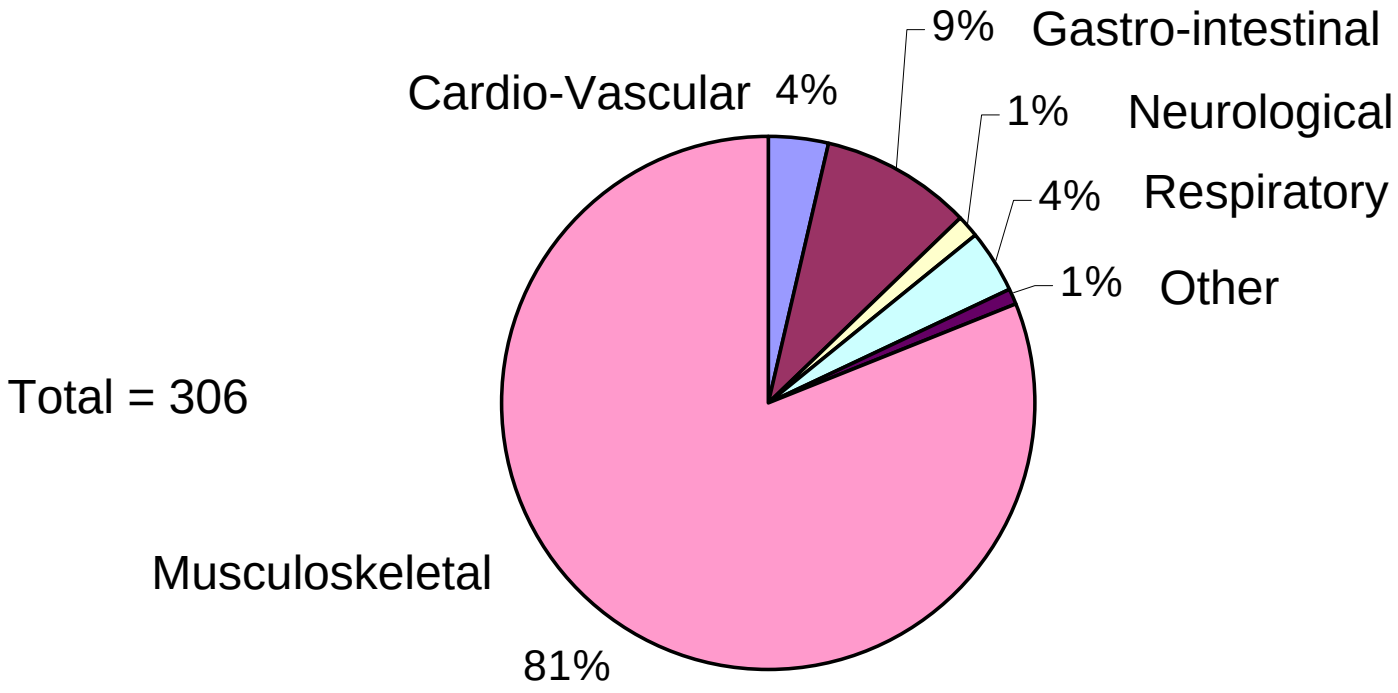


Figure 2

Racing & Training Fatalities by Breed

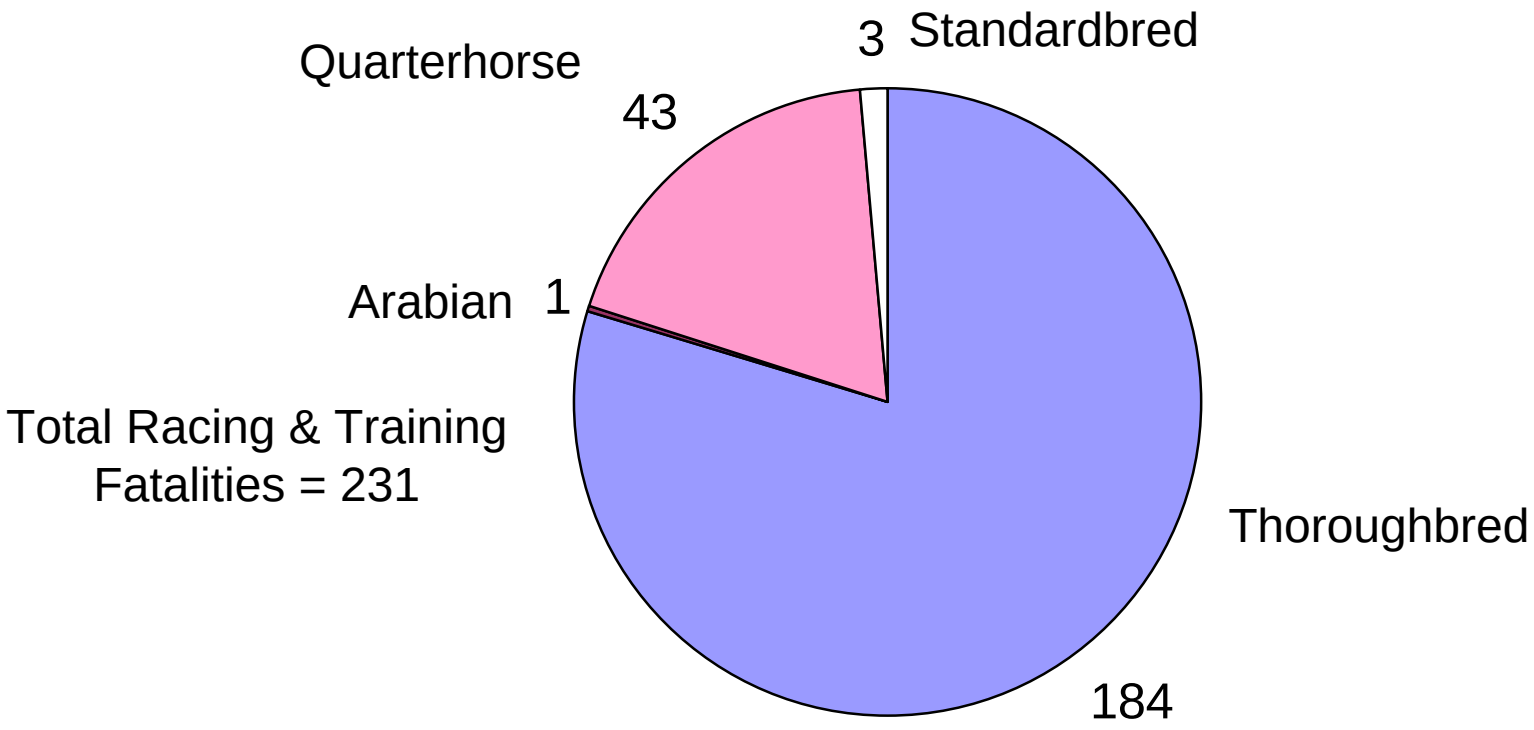


Figure 3

Racehorse Fatalities

A total of 229 fatalities was reported during the period 11/6/02 to 11/9/03.

Associations	Breed of Horse						Occurred During		
Thoroughbred	TB	QH	ST	APP	AR	P	RACE	TRAIN *	OTH*
Los Angeles Turf Club/SA	37						13	20	4
Churchill Downs Operating Co./HP	33						8	15	10
Del Mar Thoroughbred Club/DM	13						8	3	2
Oak Tree Racing Assn./SA	8						2	2	4
Churchill Downs Fall Operating Co./HP	21						7	12	2
Bay Meadows Operating Co./BM	16						7	7	2
Bay Meadows Operating Co. (Fall)/BM	10						5	3	2
Pacific Racing Assn./GGF	28						15	8	5
Harness									
Capitol Racing LLC/CE**									
Quarter Horse									
Los Alamitos Quarter Horse Racing Assn./LA	11	19		1		1	19	3	10
Fairs									
Stockton	2						1	1	
Pleasanton	4						1	3	
Vallejo	3						2		1
Santa Rosa	1						1		
San Mateo	5						4		1
Ferndale***									
Cal Expo	7	1					4	1	3
Pomona	5						2	3	
Fresno	3						3		
Totals	207	20	0	1	0	1	102	81	46
Total Fatalities 229						229			229

TB – thoroughbreds QH – quarter horses ST – standardbreds APP – appaloosas AR – Arabians P– paints

* Training and other fatalities include fatalities that occurred at auxiliary training facilities.

** Statistics not available. *** Zero fatalities.

Fatalities by Track & Surface

Track	RACING			TRAINING			OTHER	TOTAL
	Dirt	Synthetic	Turf	Dirt	Synthetic	Turf		
Bay Meadows	17		2	2		0	7	28
Cal Expo (Sacramento)	2			1			1	4
Del Mar		2	4	0	6	0	1	13
Fairplex (Pomona)	3			7			8	18
Ferndale	0			0			0	0
Fresno	2			0			0	2
Golden Gate Fields		15	1		14	0	13	43
Hollywood Park		12	3	2	26	0	7	50
Los Alamitos	50			10			20	80
Pleasanton	1			5			3	9
San Luis Rey Downs				1			0	1
Santa Anita		14	6	1	17	0	13	51
Santa Rosa	2		1	1			1	5
Stockton	0			0			0	0
Vallejo (Solana)	0			1			1	2
TOTAL	77	43	17	31	63	0	75	306

Table 1

Trainers with More Than 4 Fatalities between July 1, 2007 to June 30, 2008

Last Name	First Name	Racing	Training	Other	Total	Breed	California Starts
		5	6	4	15	TB	1082
		6	1	2	9	TB/QH/AR	575
		5	1	2	8	TB/QH/AR	752
		0	5	3	8	TB	299
		4	0	3	7	TB/QH	578
		4	0	2	6	TB	613
		3	2	1	6	TB	901
		4	0	1	5	TB	351
		4	0	1	5	TB/QH/AR	95
		3	1	1	5	TB/QH	440
		2	3	0	5	TB	305
		2	3	0	5	TB	638
		2	0	2	4	TB/QH	168
		2	2	0	4	TB	517
		1	1	2	4	TB/QH	293

Table 2

Veterinarian's List

https://www.simo-central.com/CHRBPublicReport.jsp