



Fatality– Shalapa - Mexico

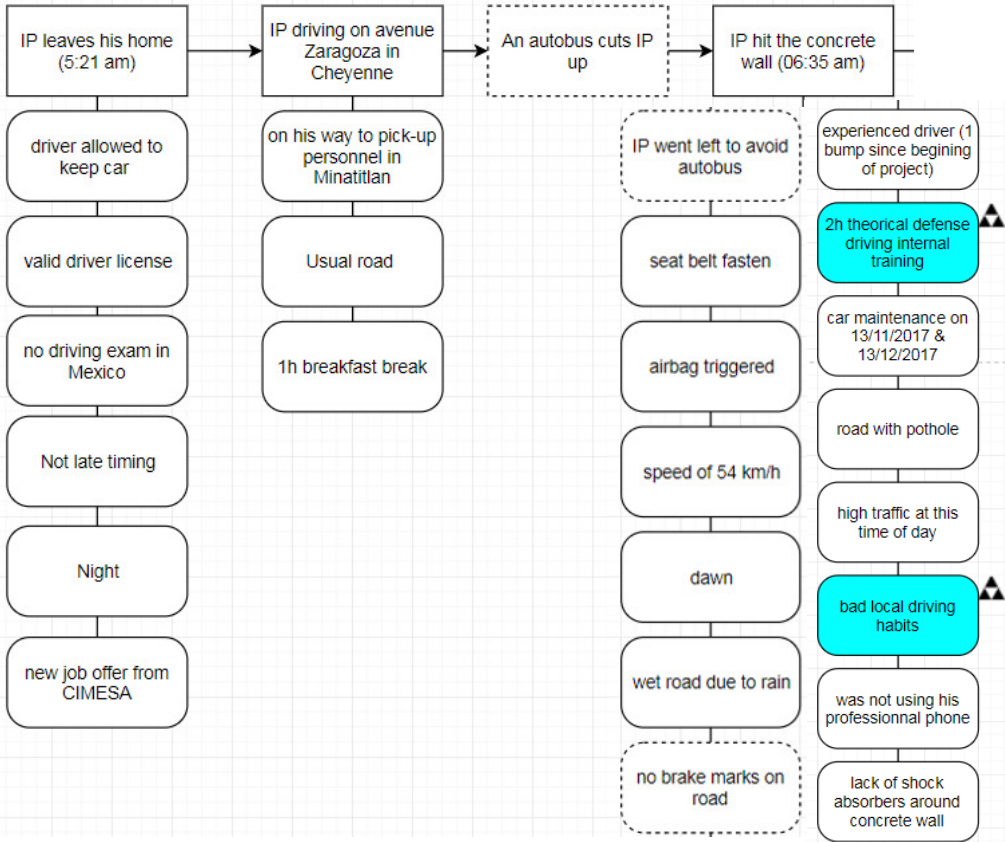
together @ VINCI 

Accident description

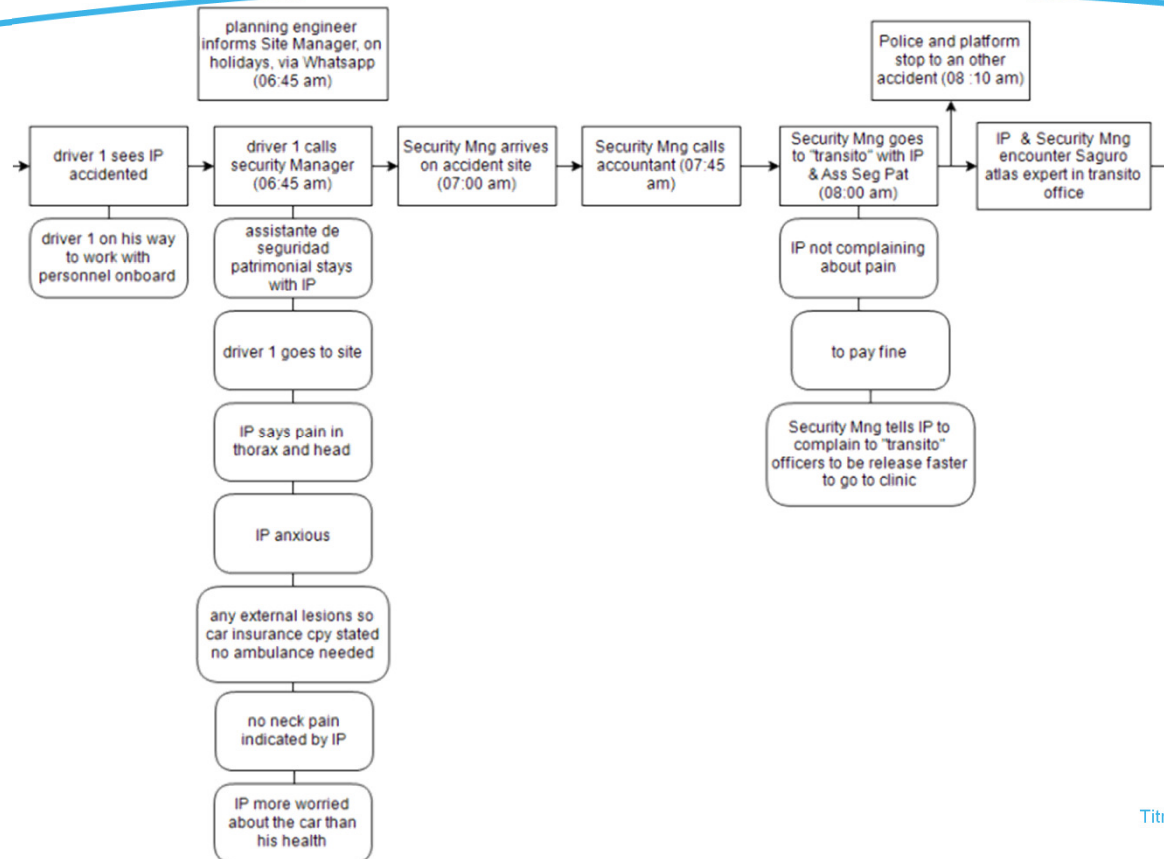


On Friday, January 12, 2018, Mr.XX, driver for the project Shalapa (Mexico) since 2015, had a car accident at 06:35. Following this accident he went to Madison Clinic for examination, he was prescribed 2 weeks of absolute rest and 10 days of wearing a neck brace. Around 9:30 pm, the same day, the victim died at home.

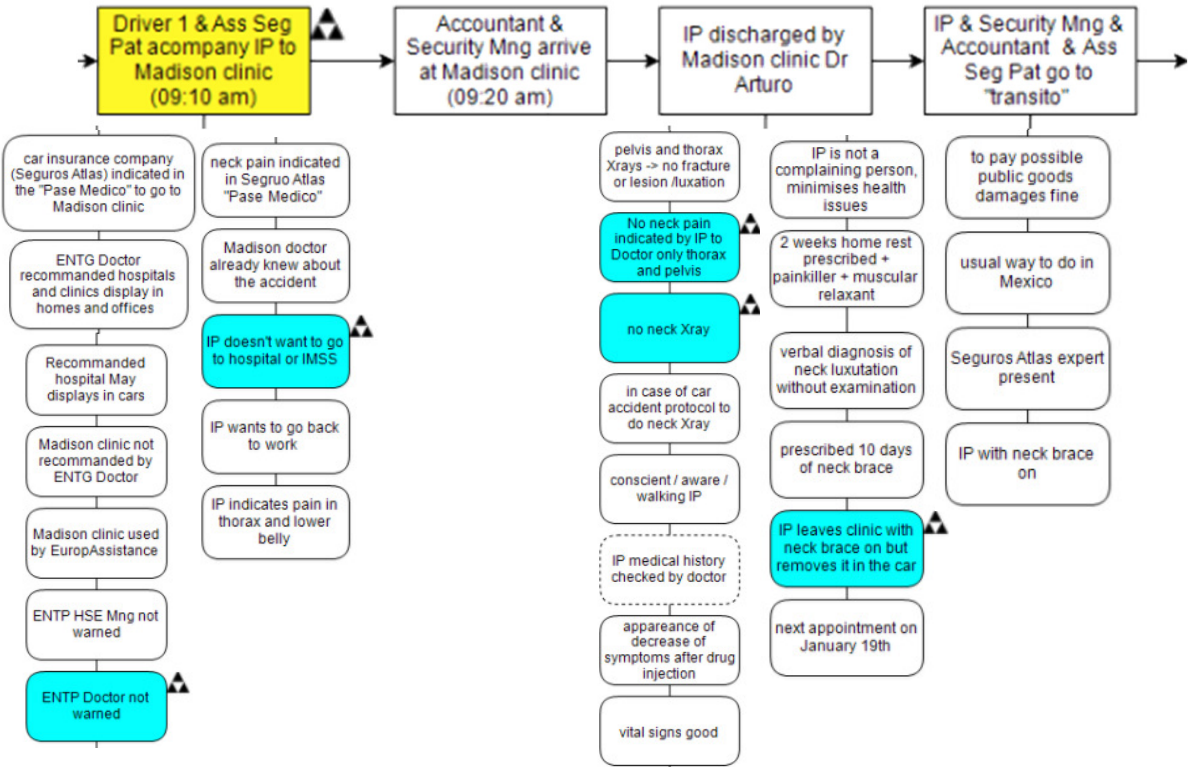
SnapChart ® of the events & conditions



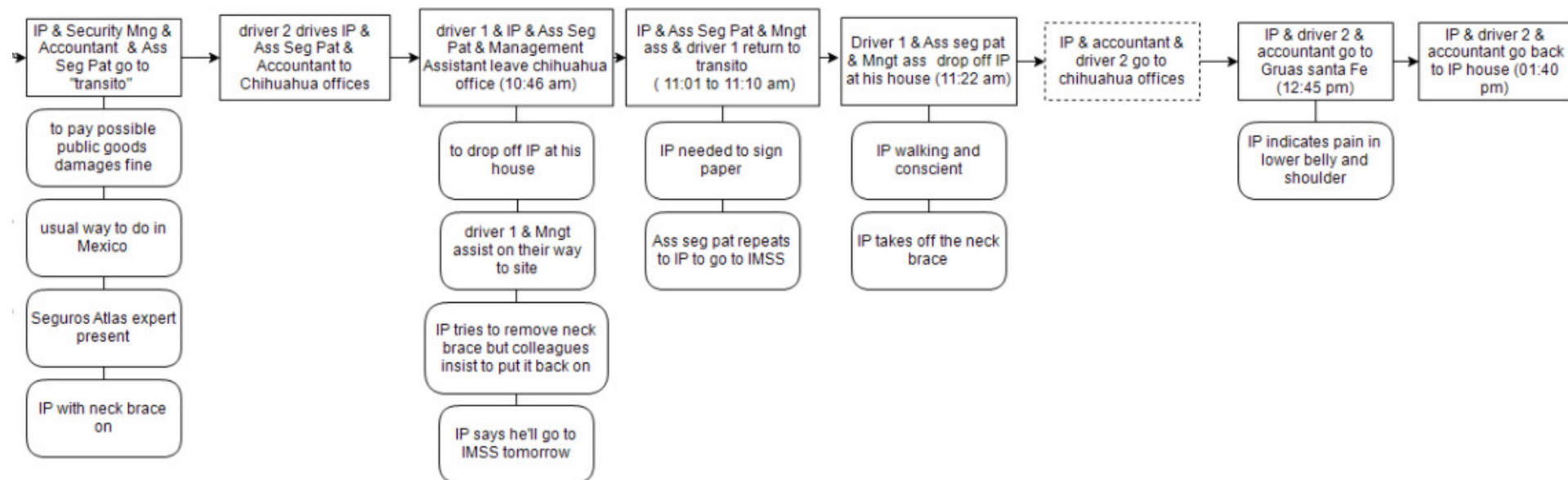
SnapChart ® of the events & conditions



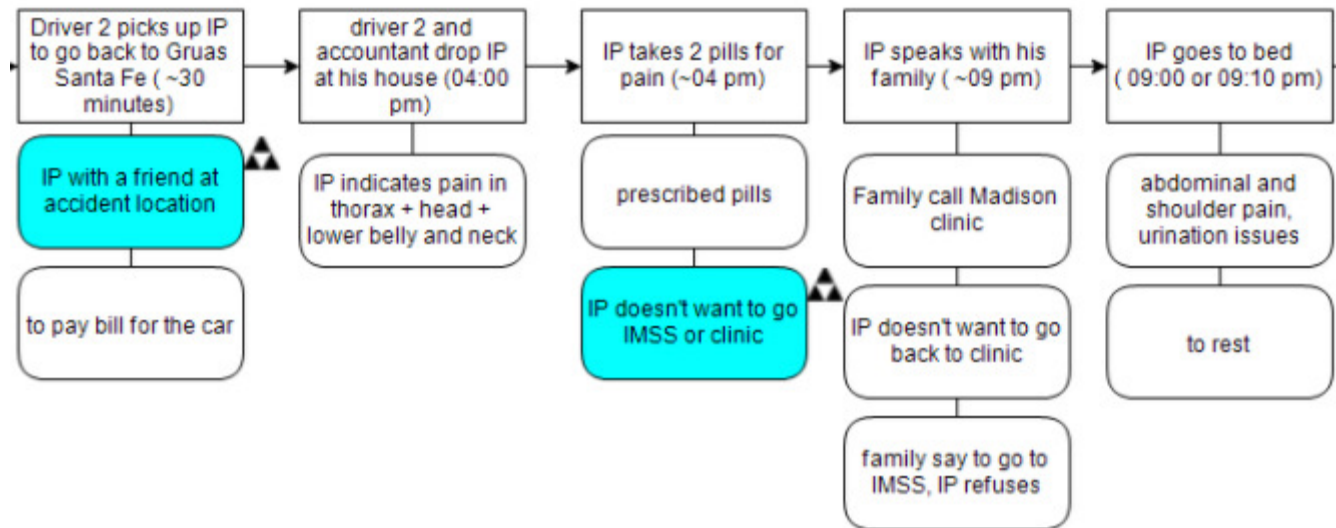
SnapChart ® of the events & conditions



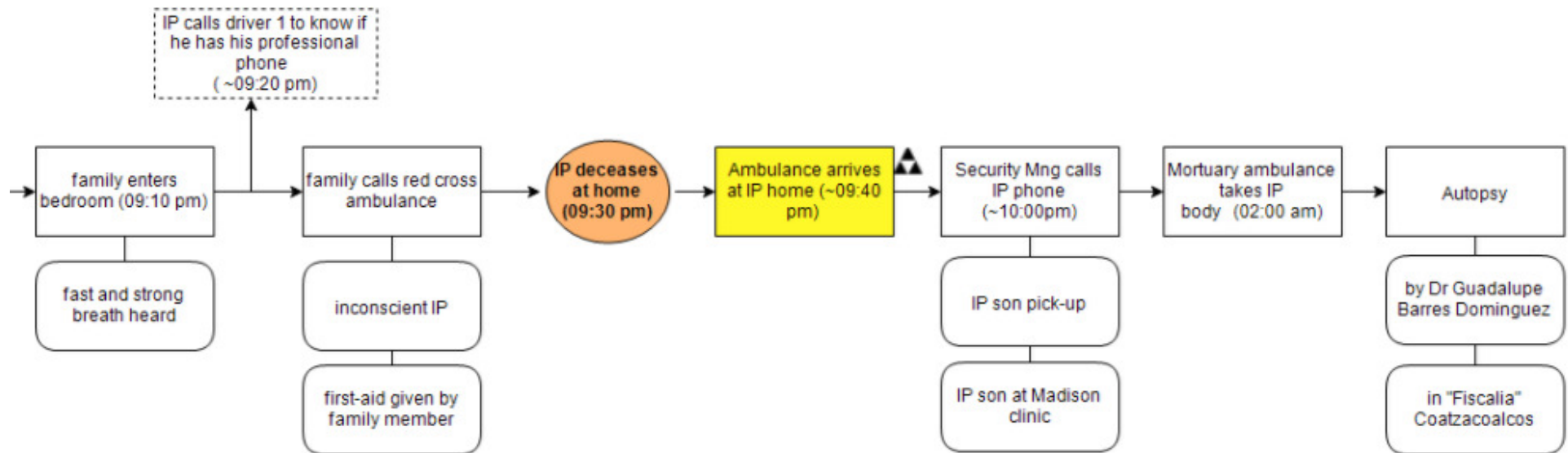
SnapChart ® of the events & conditions



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SnapChart ® of the events & conditions



Causal factors (indirect causes)

Cause	Description
Local driving practices	<ul style="list-style-type: none">- No practical exam on driving license- Disordered driving
Medical performance	<ul style="list-style-type: none">- No radio from the neck to the clinic- Ambulance took 30 minutes to reach the victim
ERP procedure non exhaustive	<ul style="list-style-type: none">- Scenario not covered by ERP- Project doctor not informed- List of non recommended establishments not included
Training	<ul style="list-style-type: none">- 2 hours of internal theoretical course on defensive driving
Personal choice of the victim	<ul style="list-style-type: none">- Did not report all symptoms to clinic doctor- Indicates he will go to IMSS the next day- Put on and take off his neck brace multiple times- Went out with a friend the afternoon of the accident

Root causes (direct causes)

Managerial aspects	
Internal SPAC	<ul style="list-style-type: none"> - ERP procedure not covering out-of-site or road scenarios - Staff know where to go but not what to avoid
External SPAC	<ul style="list-style-type: none"> - Red cross internal requirements not strict enough leading to long response time - An examination of the neck in case of road accident is the usual protocol but has not been done - No observation of the victim
Omission / relationship with employees	<ul style="list-style-type: none"> - Internal audits and evaluations should have detected that the drivers did not have defensive driving training
Training	
Training at the post	<ul style="list-style-type: none"> - No complete defensive driving training conducted on the project
Comprehension	<ul style="list-style-type: none"> - No exercise covering the road accident scenario - Road accident not mentioned in the induction

Root causes (direct causes)

Procedures	
False	<ul style="list-style-type: none"> - ERP procedure not covering out-of-site or road scenarios - No control of the conformity of our insurance with the internal requirements in term of medical establishment
Not followed	<ul style="list-style-type: none"> - Medical prescription of rest not followed by the victim - Medical prescription of wearing the neck brace during 10 days not followed by the victim - No examination of the neck at the clinic despite strong recommendation for this type of accident
Communication	
Late communication	<ul style="list-style-type: none"> - Project doctor informed the day after the accident because scenario not covered by the ERP
Ergonomics	
Work environment	<ul style="list-style-type: none"> - Roads in very bad condition - Tropical climate with heavy rain
Work instructions	
Preparation to the task	<ul style="list-style-type: none"> - No ToolBox or Prestart for the drivers

Conclusions of the investigation



The two main causes leading to the death of the victim are:

- failure to take into account the possibility of accidents outside the construction site in the project Emergency Response Plan.
- non-verification of the adequacy between the internal choices of medical institutions and those imposed by our insurance companies.