


12 TH ANNUAL PEDIATRIC TRAUMA CONFERENCE CLEVELAND, OHIO

SCOTT LANGENBURG, M.D.—TOLEDO CHILDREN'S HOSPITAL



9 YO FEMALE, RESTRAINED BACKSEAT PASSENGER IN HIGH SPEED HEAD ON COLLISION

- RURAL HIGHWAY NEAR FOSTORIA, 50 MILES SOUTH OF TOLEDO
- FOUR PASSENGERS; NO FATALITIES

AIRBAGS, NO CABIN VIOLATION



PT TAKEN TO LOCAL ER

■ REPORT

- PATIENT HAD NO LOC, MAE
- HEART RATE HIGH; BP LOW
- EXAM: GCS 15, TRANSVERSE ABDOMINAL WALL BRUISE AT LEVEL OF UMBILICUS, C/O BACK PAIN
- FILMS: L SPINE (L₁₋₂) ANTERIOR COMPRESSION FX, CT ABDOMEN-FREE FLUID, L RENAL LACERATION, NO FREE AIR
- ARRANGEMENTS FOR AIR TRANSPORT
- INTUBATED, 2 LITERS NS AND 1 UNIT OF PRBCS

UNEVENTFUL TRANSFER

- ARRIVED HEMODYNAMICALLY STABLE
- INTUBATED
- FOLLOWING COMMANDS
- MILD ABDOMINAL TENDERNESS, NO DISTENSION, LOW BACK PAIN WITH TENDERNESS TO PALPATION
- REVIEWED FILMS—VERY SMALL RENAL LACERATION, LARGE AMOUNT OF FREE FLUID, DUODENAL CONTUSION, NO FREE AIR
- ABDOMINAL EXAM WORSENERD OVER SERIAL EXAMS

FINDINGS AT LAPAROTOMY

- LARGE AMOUNT OF LIQUID GREEN STOOL
- NO BLOOD
- QUARTER SIZED HOLE OF DUODENUM JUST BENEATH SMA
- EDEMA OF PORTA HEPATIS

DUODENAL INJURY

- PATIENT HAD TWO LAYER CLOSURE OF DUODENUM
- DRAIN PLACED INTO ABDOMEN NEAR DUODENAL REPAIR
- AFTER LAPAROTOMY PATIENT HAD POSTERIOR INSTRUMENTATION OF THE L₁-L₂ FRACTURE

POST-OP COURSE

- UNEVENTFUL
- JP DRAINAGE CHANGED FROM YELLOW TO BILIOUS FLUID
- ACTIVATED CHARCOAL DID NOT COME OUT OF JP
- HIDA SCAN

HIDA SCAN

- SMALL LEAK IN THE REGION OF THE PORTA HEPATIS
- PATIENT REMAINED STABLE AND CONTINUED TO DRAIN BILE COLORED FLUID OUT JP
- POD 7 PATIENT HAD LESS DRAINAGE AND WORSENING ABDOMINAL PAIN
- RE-EXPLORED AND FOUND CYSTIC DUCT AVULSION AT CBD—T TUBE PLACED