Get Out of Bed
for 17 Days
Any physical pain he may be reasonably expected to suffer in the future
Any mental anguish he may be reasonably expected to suffer in the future

- Loss of strength, stamina, grip, and range of motion in hands & arms
- Friability of disfiguring skin grafts particularly at the ankles, especially the left
- Loss of function, balance, and coordination
- Poor lower extremity circulation with increased risk for development of venous stasis ulcers and deep venous thrombosis
- Diabetes made worse - insulin-dependent diabetics develop substantially more significant complications involving blood vessels, heart, kidney, eye, etc. Increased risk of heart attack, stroke, kidney failure, amputation
- Digestive problems related to gall bladder surgery
  - dumping syndrome
  - other digestive issues
Any mental anguish he may be reasonably expected to suffer in the future

- Sexual dysfunction related to a combination of
  - Poor circulation
  - Medication side-effects
  - Psychological issues
  - Body image issues

- Anxiety related to likelihood of potential medical complications

- Deficiencies in the sensory modalities of touch, pain, and proprioception

- Difficulty and inconvenience managing medication

- Efficacy of medication limited by multiple potential drug interactions (not easy to balance effectiveness with potential side effects)
• Difficulty finding new sites for injection and giving insulin with impaired hands

• Fragile skin susceptible to reinjury with what might otherwise be trivial trauma

• Osteomyelitis (likely to originate at exposed left ankle site)

• Secondarily infected venous stasis or traumatic ulcers with difficulty healing

• Risk of specific skin cancer - “Marjolin’s ulcer”
  • Develops in 0.10 - 2.5% of patients with extensive skin scarring
  • Often seen in “unstable” scars
  • Typically develops years after the injury

Any mental anguish he may be reasonably expected to suffer in the future
Any disfigurement and any associated humiliation or embarrassment

Herman B. Gentry's Lasting Scars And Deficits

Scars From Skin Graft Harvesting

Multiple Scars From Skin Grafting

Weakness In Hands

Scar From Skin Graft Harvesting

Multiple Scars From Skin Grafting

Multiple Scars From Skin Grafting

Multiple Scars From Skin Grafting

Weakness In Hands

Scar From Skin Graft Harvesting

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Any deformity and any associated humiliation or embarrassment
Any inconvenience caused in the past

Impediments to Living
Herman Gentry

- Unable to Walk: 47 days
- Unable to Talk: 32 days
- Endotracheal Tube in Place: 18 days
- Tracheostomy in Place: 18 days
- Rectal Tube in Place: 34 days
- Foley Catheter in Place: 34 days
- Feeding Tube in Place: 50 days
- 100% Bed Confinement: 17 days
Damages

Any inconvenience that probably will be caused in the future
# Damages

Any medical expenses incurred in the past

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rockingham Memorial Hospital</td>
<td>$1,935.95</td>
</tr>
<tr>
<td>Harrisonburg Emergency Physicians</td>
<td>878.00</td>
</tr>
<tr>
<td>Rockingham Radiologists, Ltd.</td>
<td>27.00</td>
</tr>
<tr>
<td>University of VA Medical Center</td>
<td>637,907.76</td>
</tr>
<tr>
<td>UVA Health Services Foundation</td>
<td>118,056.00</td>
</tr>
<tr>
<td>Martinsburg VA Medical Center</td>
<td>20,033.58</td>
</tr>
</tbody>
</table>

**Total:** $778,838.29
Damages

Any earning he lost because he was unable to work at his calling

Lost Wages $ 60,648.00
# Life Care/Rehabilitation Plan – Cost Summary

**COST SUMMARY**  
HERMAN GENTRY  
June 7, 2010

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRUGS AND SUPPLIES</td>
<td>$8,419.63</td>
</tr>
<tr>
<td>MEDICAL INTERVENTIONS</td>
<td>$77,978.00</td>
</tr>
<tr>
<td>MEDICAL ROUTINE</td>
<td>$2,165.80</td>
</tr>
</tbody>
</table>

**Lifetime Total**  
$88,563,43
## Total Financial Losses

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Past Medical Expenses</td>
<td>$778,838.29</td>
</tr>
<tr>
<td>Future Medical Expenses</td>
<td>$88,563.43</td>
</tr>
<tr>
<td>Lost Wages</td>
<td>$60,648.00</td>
</tr>
<tr>
<td><strong>Total Losses</strong></td>
<td><strong>$928,049.72</strong></td>
</tr>
</tbody>
</table>
Robert Smith
"Explosion . . Thrown 5 feet . . . Clothes caught fire."

UVA Emergency Department 11/10/07
Both Hand
Right Leg
<table>
<thead>
<tr>
<th>Medical Diagnosis</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Partial thickness burns</strong> to 10%-15% of body, including face, palms, and patchy areas on bilateral lower extremities</td>
</tr>
<tr>
<td><strong>10% total body surface area burns</strong> to face, hands, ankles, all partial thickness</td>
</tr>
<tr>
<td><strong>Full thickness burns</strong> to bilateral hands and bilateral ankles, and superficial burns to face.</td>
</tr>
<tr>
<td><strong>Respiratory Insufficiency</strong></td>
</tr>
</tbody>
</table>
Mr. Smith’s Burns covered more than 10% of his Total Body Surface Area

Emergency Department Diagram of Injuries
300 Square Inches of Burns

- 72 inches
- 22 1/4”
- 13 1/2”

Area of Burns
Roughly the Area covered by a Newspaper Page

300 Square Centimeters
7 Physicians/Consultations

Eric Kramer, M.D.
John Huff, M.D.
Todd Bauer, M.D.
Adam Katz, M.D.
Thomas Gampper, M.D.
Todd Bauer, M.D.
Jeffrey Young, M.D.
<table>
<thead>
<tr>
<th>Acetaminophen</th>
<th>Folic Acid</th>
<th>Neostigmine</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ativan</strong></td>
<td>Glycopyrrolate</td>
<td>Peptic</td>
</tr>
<tr>
<td>Bacitracin</td>
<td>Labetalol</td>
<td></td>
</tr>
<tr>
<td>Benadryl</td>
<td>Lasix</td>
<td>Percocet</td>
</tr>
<tr>
<td>Bisacodyl Suppository</td>
<td>Lovenox</td>
<td>Phenylephrine</td>
</tr>
<tr>
<td>Combivent</td>
<td>Magnesium</td>
<td>Propofol</td>
</tr>
<tr>
<td>Docusate</td>
<td>Oxide</td>
<td>Regular Insulin</td>
</tr>
<tr>
<td>Duoneb</td>
<td>Milk of Magnesia</td>
<td>Rocuronium</td>
</tr>
<tr>
<td>Elta Cream</td>
<td>Morphine</td>
<td>Seroquel</td>
</tr>
<tr>
<td><strong>Fentanyl</strong></td>
<td>Narcan</td>
<td>Thiamine</td>
</tr>
</tbody>
</table>

Red Text indicates pain medications
15 Diagnostic Studies

- Cervical Spine X-ray
- Lumbar Spine X-ray
- Chest X-ray - 8X
- Pelvic X-ray
- Thoracic Spine X-ray
- CT Scan of the Abdomen
- CT Scan of the Pelvis
- Ultrasound of the Lower Extremities
11/26/07 Debridement And Allograft Of Ankles And Hands

1. Debridement

- #10 and #12 WECK Blades Used
- Debridement Of Dorsal Aspects Of Fingers And Thumb
- Debridement Of Posterior Aspect Of Right Calf And Ankle

2. Harvesting

- Split Thickness Grafts Taken From Right Lateral Thigh
- Autograft Material Being Meshed

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11/26/07 Debridement And Allograft Of Ankles And Hands

3 Grafting

Mesh

Meshed Allograft Used To Cover Left Lower Extremity

Extremities Covered With Sheet Grafts And Stapled Into Place On Dorsal Aspects Of Both Hands

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Other Invasive Procedures

- Intravenous catheter inserted for the administration of fluids and medications.
- Multiple phlebotomies performed to obtain blood for diagnostic lab work.
- Foley catheter inserted into bladder for urinary drainage.
- Received blood transfusion.
- Underwent daily wound care/dressing changes to upper and lower extremities.
Supportive Medical Devices Used During Initial Stabilization

- Intravenous catheter
- Endotracheal Intubation
- Supportive Medical Devices Used During Initial Stabilization
  - Cardiac Monitor
  - Ventilator
  - Pulse Oximeter
  - Non Re-Breather Mask
  - Cervical Collar
  - Intravenous catheter
**Assistive Devices/Orthopedic Equipment**

- **Non-rebreather Mask**
  - Mask used to deliver high concentration of oxygen.

- **Intravenous Catheter**
  - Device placed into a vein through which fluids, medications, and/or blood products can be administered.

- **Aspen Collar**
  - A rigid collar used to immobilize the cervical spine.

- **Cardiac Monitor**
  - Monitor of heart function, providing visual and audible record of heartbeat.

- **Hand Splints**
  - Fabricated by occupational therapy due to increased tightness and swelling in the hands. Used to prevent contracture.

- **Male Urinal**
  - Allows bed ridden patient to void without having to stand or walk to the bathroom.

- **Condom Catheter**
  - This catheter is external and uses self-adhesion for easy removal. This device is used with a leg bag to collect urine.
Assistive Devices/Orthopedic Equipment

- **Face Tent**: Used to deliver relatively high concentrations of oxygen.

- **Wrist Restraints**: Used to restrain confused and/or agitated patients to prevent self-harm.

- **Endotracheal Tube**: Device placed through the mouth into the trachea for maintenance of airway during surgery, and delivery of inhaled anesthesia.

- **Ventilator**: Provides artificial respiration and oxygen delivery to assist critically ill patients with breathing.

- **Nasal Cannula**: Oxygen delivery system in which oxygen is administered through small plastic prongs placed in the nostrils.

- **Nebulizer**: A nebulizer is a medical device that delivers liquid medication in the form of a mist to the airways.
**Assistive Devices/Orthopedic Equipment**

- **Ace Wraps**: Used to help decrease swelling in both upper and lower extremities.
- **Foley Catheter**: A catheter is inserted into the bladder for urinary drainage. Also, used to obtain accurate output of the patient.
- **Splinsrite Boot**: Provides ankle support to allow for independent ambulation and compression to decrease swelling, deformity, and contractures.
- **Bedside Commode**: Used for the convenience of the patient and is usually placed at the bedside.
- **Walker**: Used to assist in ambulation.
- **Compression Garments**: Helps minimize scarring and deformity in burn injuries by providing equal and constant pressure over healed skin.
Mr. Smith endured 24 hours of Wound Care during his Hospitalization.

- **Nov 10, 2007**: 2 hours of wound care
- **Nov 11, 2007**: 1 hour of wound care
  - **Nov 11, 2007**: 1 1/2 hour of wound care: Face with some eschar (dead tissue); nose edematous (swollen); lips scabbed, black.
- **Nov 12, 2007**: 1 1/2 hour of wound care: Face debrided & shaved, shaved right posterior thigh.
- **Nov 13, 2007**: 1 1/4 hour of wound care: Face debrided & shaved, shaved right posterior thigh.
- **Nov 14, 2007**: 1 1/2 hour of wound care
Mr. Smith endured 24 hours of Wound Care during his Hospitalization

**Nov 15, 2007**
1 1/2 hour of wound care: Left & Right legs have scattered burns all over with numerous spots of full-thickness burns.

**Nov 16, 2007**
Debridement & Skin Grafting Surgery - 3 1/2 hours

**Nov 17, 2007**
1 1/4 hours of wound care

**Nov 18, 2007**
2 1/4 hours of wound care

**Nov 19, 2007**
1 1/2 hours of wound care

**Nov 20, 2007**
1 hour wound care: burns to bilateral upper calves with pink bleeding

**Nov 21, 2007**
2 1/2 hours of wound care: face, neck shaved; all staples removed.
Mr. Smith endured 24 hours of Wound Care during his Hospitalization

**Nov 22, 2007**
1 hour of wound care: hematomas visible, small areas with yellow slough tissue debrided.

**Nov 23, 2007**
30 minutes of wound care: face - scattered scabs

**Nov 24, 2007**
30 minutes of wound care

**Nov 25, 2007**
45 minutes of wound care: hand splints not to be worn today per Dr. Garvey to allow patient to use fingers more.

**Nov 26, 2007**
30 minutes of wound care

**Nov 26, 2007**
Discharge Instructions for Wound Care:
Shower & Shave Daily; Apply Elta to Healed Grafts; Apply antibiotic ointment to gauze on raw area of legs, cover with dry gauze; Wrap legs from toes to knees.
Impediments to Living
Robert Smith

11 Days of Urinary Catheterization

2 Days of Physical Restraining with Wrist Straps and Bed Rails
Robert is 64 years old. He has 17.5 more years to live in pain every day.

That’s 5,657 days of pain.
Pain Equilibration

James O'Donnell PharmD
MS FCP ABCP CNS FACN
Diplomate-American Board of Clinical Pharmacology

July 19, 2010 Report
During the period of 11/10/07 though 12/28/07, Mr. Smith received sufficient strong opiate analgesic medication to relieve the pain of:

73 heart attacks

147 to 294 hours of severe obstetrical labor pain
The chronic medication used in the 30 months since the discharge from UVa (16,800 hydcododone equivalents) would be sufficient to relieve the pain of 2700 Dental Molar Extractions (DME).
A person is most sensitive to stimuli, including pain, in areas where there are greater concentrations of receptor cells. The hands, fingers, lips, and face contain some of the highest concentrations of receptor cells on the body. These same locations mark some of the primary sites of burn surface area experienced by Mr. Smith.
Robert O. Smith’s Hand Injuries

- Burns to dorsum of hands and fingers
- Full thickness burns to left hand with bullae
- Burns to palms of both hands, extending to volar position on the right wrist
- Full thickness burns to right hand with bullae
Patient has facial burns and burns to right hand and both ankles. ... Facial hair was singed and nose hair was singed.

Rockingham County Fire & Rescue 11/10/07
Density of receptors on fingertips = 2,500 per square centimeter.

Number of nerve endings in hand = 1,300 per square inch.
Pain and Immobility

“Complaining of intense right thigh donor site pain on standing and able to stand for only about 30 seconds before needing to sit back down. The second time patient stood, he was able to take 3-4 shuffling steps sideways…Due to hand grafts, patient not able to grip walker, and not yet able to ambulate secondary to quickly fatiguing and complaint of right thigh pain.”

UVA Department of Physical Therapy
November 22nd, 2007
Complications of Injuries & Treatment

Respiratory Insufficiency
Pulmonary Edema
November 16th, 2007

Not oxygenating well
Nasal trumpet inserted into nostril
Re-admitted to ICU for mental status changes
Complications of Injuries & Treatment

Mental Status Changes

Possible Overnarcosis

*nar·co·sis*: A condition of deep stupor or unconsciousness produced by a drug or other chemical substance.
“Patient found crawling on floor yesterday…Patient has been agitated overnight.”

“Disoriented, patient writhing on bed.”

UVA Medical Center Surgery Progress Note November 15th, 2007