

Neurological Institute of Savannah (NIOS) and Center for Spine Ambulatory Surgery Center

GNS Meeting Amelia Island 2010

6/15/2010

NIOS History

- Dr. Upton Clary 1950's.
- NIOS founded by Dr.s Clary, Cannon, Downing 1974.
- Initially neurosurgery, neurology, physiatry, radiology.
- Provide birth to death neurosurgical services.

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NIOS 2010

- 10 neurosurgeons.
- Regional service.
- Subspecialization- Pediatric, Endovascular, Pain.
- Operative and non operative care of all neurosurgical diagnoses.

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NIOS Patients

- 1.3-1.5 million people in our service area.
- Support all of the hospitals within our county and all adjacent counties.
- Draw patients from all East Georgia, south Georgia, and southeastern South Carolina.

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NIOS ASC

- Advances in technology and surgical technique are allowing for more neurological surgery to be performed through minimally invasive routes.
- This allows for less need for inpatient hospitalization.
- Well proven track record.

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Clinical Activity

- Spine.
- Pain.
- Peripheral nerve.

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Spine

- ACDF (1-3 levels).
- Lumbar decompressions (1-3) levels.
- Microdiscectomies.
- TLIF, PLIF, OLIF (1-3 levels).
- Interspinous fixations.
- Cervical laminectomies.

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Pain

- LESI, TESI, facet blocks, RF lesions, CESI, SI joint injections.
- Spinal cord and Peripheral nerve stimulation trialing and permanent implantation.

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Peripheral Nerve

- Carpal tunnel release.
- Ulnar nerve decompression.
- Peroneal nerve decompression.

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Other

- Lumbo-peritoneal Shunts.
- Temporal Artery Biopsy
- SI Joint fusions.
- Blood Patches.

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Operating Rooms

- 2 operating rooms.
- 1 Zeiss scope.
- 2 Fluoro machines.



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Pre Op/post Op Area

- 6 beds.
- 3 recliners-phase 2.
- 1 isolation room.
- Center nursing station.



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Development Process.

- Regulatory.
- Construction.
- Certification.
- Operations.

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Regulatory Process

- Certificate of need.
- Letter of Non-Reviewability.
- Limited purpose CON.

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Letter of Non Reviewability.

- Ownership Restrictions.
- Capital Restrictions.
- Procedure/Surgery Restrictions.
- Indigent Requirement.
- Reporting Requirements.
- Specialty Restrictions.

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Construction.

- Had to be completed within one year of obtaining LNR.
- \$1,600,000 capital limit.

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Certification.

- Medicare Inspection.
- AAAHC.

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NIOS ASC Pricing for Services

- Based upon cost of providing service.
- Based upon the uniqueness of service.
- Based upon the expertise needed to provide service.
- Based upon an expected profit margin for providing service.
- Will always be less than providing similar service in the hospital.
- Medicare/Medicaid, Groupable vs. Non groupable codes.
- In Network vs. Out of Network.

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Operations.

- Weekly meetings.
- Surgeon involvement critical.
- Insurance contracts, personnel, compliance monitoring, peer review, privileging, scheduling, coding.

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2 year Experience -Spine.

- ACDF-199.
- Instrumented Lumbar Fusions-95.
- Lumbar Decompressions-76.
- Microdiscectomies-143.
- Vertebroplasties- 14.
- Posterior Cervical decompressions- 2.
- Kyphoplasty-4.
- Thoracic Laminectomy-2.

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2 Year Experience Peripheral Nerve.

- CTR-216.
- Ulnar Nerve Decompressions-28.
- Peroneal Nerve Neurolysis-1.

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2 Year Experience- Pain.

- Injections- 2222.
- RFA-42.
- SCS Trial/Permanent/Revision-176.
- IT drug delivery system-4.

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Hospital Admissions.

- 2 patients to ED after LESI.
- 1 patient with post op lumbar hematoma.
- 1 patient with post op cervical infection.

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Summary

- “Better and Cheaper”
- Patient Satisfaction.
- Surgeon Satisfaction.
- Payor Satisfaction.

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