Neurosurgery Compensation Update

Incomes Flattening but Stable, Yet Signs Point to More Leveling, Possible Declines

By Bonnie Darves

First the sort of good news: Despite the struggling economy and the incessant wrangling on Capitol Hill about reining in healthcare costs, compensation in most of the highly specialized surgical fields, including neurosurgery, continues to increase, if in small increments.

The general trend in neurosurgery, however, is toward a flattening in income. This became more pronounced this past year, when one of the leading national compensation-reporting organizations, the Medical Group Management Association (MGMA), reported stagnant compensation; and another, the Neurosurgery Executives’ Resource Value and Education Society (NERVES), found a slight, but noticeable drop in income over the past year—this after several previous years of consistently rising incomes. (See sidebar.)

“Even with the tightening of the belt in ancillary services and revenues, the specialties are not necessarily slowing down too much in compensation. And with neurosurgery, we haven’t seen as big a slowdown as we might have expected, with the continuing revenue squeeze on the surgical specialists,” said Brad Vaudrey, MBA, CPA, a principal with the Minneapolis firm Sullivan, Cotter and Associates, Inc., which produces the annual physician compensation survey for the American Medical Group Association and provides tailored compensation programs for healthcare organizations.

“This correlates with what we’re hearing as far as reimbursement is concerned. We’ve seen decreases in the actual net collection number, even though there’s an increase in demand for the surgical specialties such as neurosurgery,” Mr. Vaudrey observed. The AMGA average median compensation increase for last year was roughly 2% across all specialties, he added, compared to 4% for primary care.

Here’s the other news: The factors that affect neurosurgeon compensation are about to undergo what some industry watchers predict may be the most substantial shift in decades. Health reform, the emergence of accountable care organizations (ACOs) and the movement toward Medicare bundled payments for high-dollar services portend a more volatile reimbursement picture.

That shift might not affect neurosurgeons’ incomes in the near term, particularly as more patients come on to the coverage rolls with health reform. But it’s fair to say that the reimbursement uncertainty is front of mind for neurosurgery practice administrators, along with the potential effects of the consolidation occurring in neurosurgery and other specialties.

“Part of what’s driving the leveling off in compensation may be the trend toward hospital-based employment of neurosurgeons—which could be evening out the [income] spread,” said Hiroshi Nakano, CEO of South Sound Neurosurgery in Puyallup, Wash., near Seattle. The former chair of the NERVES survey committee, Mr. Nakano speculates that these market factors could result in neurosurgeons coming out of training starting at a relatively

“The median compensation for neurosurgeons had been growing steadily for five years, until 2011, so clearly market factors are playing a role in the flattening.”

- Hiroshi Nakano
CEO, South Sound Neurosurgery, and NERVES board member

Society (NERVES), found a slight, but noticeable drop in income over the past year—this after several previous years of consistently rising incomes. (See sidebar.)

Neurosurgery Market Watch is published quarterly by Harlequin Recruiting in Denver, Colorado, as a service for neurosurgeons and candidates seeking new opportunities.

Submissions of articles and perspectives on the neurosurgery job market that may be of interest to practicing neurosurgeons are welcomed. Please contact the publisher or editor for more information and guidelines.

PUBLISHER
Katie Cole
303.832.1866 | katie.cole@harlequinna.com

EDITOR
Bonnie Darves
425.822.7409 | bonnie@darves.net

Neurosurgery Market Watch,
Harlequin Recruiting
P.O. Box 102166, Denver CO 80250
www.harlequinna.com
higher salary than they would have a few years ago, compared to their more experienced colleagues. Simultaneously, more experienced neurosurgeons who are “looking for a soft landing” from running a practice might see their compensation decline in the move to hospital employment.

“The median compensation for neurosurgeons had been growing steadily for five years, until 2011, so clearly market factors are playing a role in the flattening,” Mr. Nakano said, noting that in 2008, the NERVES survey reported a median compensation of $651,000. The NERVES survey, which last year included 464 neurosurgeons in 71 practices, is considered a highly reliable indicator of the nuances driving neurosurgeon compensation.

**Market, governmental forces affecting compensation**

Todd Evenson, MBA, the director of data solutions for MGMA who has worked on the compensation survey for several years, views the neurosurgery compensation picture as “relatively stable.” But he, too, predicts that the consolidation occurring in the specialty sector as hospitals acquire practices and employ neurosurgeons, and the regulatory and policy forces affecting reimbursement, will drive change in the next few years.

“Specialists have been in a world of production-based compensation for many years, but it’s important to remember that groups align their compensation models to the prevailing reimbursement models,” Mr. Evenson said. So as Medicare reimbursement gets squeezed—bundled payments are already reducing reimbursement for certain neurosurgical procedures—and ACOs distribute money across a spectrum of providers, practices will have to adjust accordingly.

Neurosurgery services demand and market factors in specific geographic regions are also contributing to the leveling off in compensation that the surveys show. In the big picture, one NERVES survey finding is particularly telling: Productivity, as measured by annual work RVUs, has declined overall in recent years (see sidebar). “Until 2009, RVUs were rising every year, and the assumption was that as compensation was leveling off, neurosurgeons were working harder to keep their incomes up,” Mr. Nakano said, referring to survey findings.

Mr. Nakano points to another indicator of current and anticipated shifts in neurosurgery services volume—a perceptible hiring slowdown. “We ask respondents about their plans for recruiting over in the next 12 months, and there’s been a consistent decrease in recent years—from 78% in 2007 to 70% in 2011,” he observed. “That’s probably due mostly to the fact that the market is consolidating, but it’s definitely affecting compensation.”

---

**HOW THE COMPENSATION NUMBERS STACK UP**

Three of the leading entities that track neurosurgeon compensation and productivity, in the form of work relative value units (w-RVUs), report their data in annual publicly available surveys. Following are some of those surveys’ key findings:

<table>
<thead>
<tr>
<th>Survey</th>
<th>Median compensation</th>
<th>Median annual work RVUs</th>
<th>Also of interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neurosurgery Executives’ Resource Value and Education Society (NERVES) Socio-economic Survey: 2011 report based on 2010 data</td>
<td>$715,764, down slightly from $730,530 in the 2010 survey. For neurosurgeons in their first five years of practice, regardless of practice setting, the median compensation was $679,677, compared to $513,464 in 2009.</td>
<td>10,776 in 2011, up slightly from 10,062 in 2010 but down considerably from 11,167 in 2009.</td>
<td>In percentage of cases by type, the NERVES survey found that cranial is going up steadily—from an average of 24% in 2007 to 34% last year.</td>
</tr>
<tr>
<td>Medical Group Management Association (MGMA) Physician Compensation and Production Survey: 2012 Report Based on 2011 Data</td>
<td>$740,702 in 2011, compared to $741,897 in 2010. For academic neurosurgeons, the median compensation was $468,188.</td>
<td>9,421 in 2011, versus 10,772 in 2010.</td>
<td>In 2011, specialists in single-specialty practices were compensated $2.28 less for every work RVU they generated than specialists who work in multi-specialty settings.</td>
</tr>
<tr>
<td>American Medical Group Association (AMGA) 2012 Medical Group Compensation and Financial Survey Report Based on 2011 Data</td>
<td>$656,250 in 2011, up 4.9% from the prior year.</td>
<td>9,261 last year, with productivity highest in the Southern region—at 10,873 compared to 8,808 in the Eastern region.</td>
<td>Surgical specialties saw an average compensation increase of 3.4% in 2011, compared to 4.0% for primary care specialties and 2.8% for other medical specialties.</td>
</tr>
</tbody>
</table>
Compensation Update
(continued from Page 2)

Market forces, particularly robust competition and softening demand, are affecting neurosurgery services nationally but are particularly palpable in the Northeast, where neurosurgeon compensation and productivity have stagnated or declined, especially compared to the South. To Richard Nesto, MD, executive vice president and chief medical officer at the 520-physician Lahey Clinic in Burlington, Mass., the large multi-specialty practice’s recent experience in neurological services is a case in point.

“Our neurosurgery volume has been flat, and has not grown at all in recent years. We’re surrounded by academic medical centers—five or six within 25 miles—all with neurosurgery departments and some with dedicated neuro-ICUs,” he said, noting that Lahey employs seven neurosurgeons. “It’s a very crowded market for a highly specialized area.”

That produces two factors, in Dr. Nesto’s view: Stiff competition for high-quality neurosurgeons among these competing hospitals, but a potentially volatile volume and revenues picture for any individual institution. “The volume is chopped up by a lot of sites, so there’s not a lot of neurosurgery growth in this area—and there won’t be. So this is not a place where someone out of training will come,” he said, “because they’re not going to make hay and build high volume over time.”

Dr. Nesto points out that one of the clinic’s neurosurgeons moved to a competing practice a while back in search of higher volume, but didn’t achieve his objective. “He isn’t doing a lot of neurosurgery growth in this area—and there won’t be. So we’re seeing many neurosurgeons looking for a new job less than a year or two into their first practice position because, for example, they’re only getting 60 to 100 cases a year.”

There’s no surefire way to avoid getting into a situation in which the practice doesn’t live up to either the hiring entity’s promises or the neurosurgeon’s expectations. But asking pointed questions—about the facility’s positioning, marketplace demographics and practice resources—can help.

Greener Pastures: Do They Exist?
Jeffrey Holden, Lahey Health’s vice president for

In a heavily procedure-based specialty such as neurosurgery, it’s very important for physicians who are coming out of training and evaluating opportunities to get a clear picture of the market for their services in the areas they’re eyeing. But often, young neurosurgeons don’t ask enough questions to ascertain whether a facility, program or practice can not only ensure the procedure volume the neurosurgeon would like but also provide a foundation for growing the practice.

Aaron Hajart, MS, senior director of administration for the Neurological Institute of New Jersey in Newark, and a board member with the Neurosurgery Executives’ Resource Value and Education Society (NERVES) in Charlotte, N.C., cautions that neurosurgeons could be setting themselves up for disappointment at the least, and possibly failure from the standpoint of being unable to sustain a viable practice.

“We’re seeing a lot of neurosurgeons go into new jobs or employed situations where the [services] don’t exist already—and being told that the volume is there,” Mr. Hajart said. “But the reality is that no one can build a program in six or 12 months. So we’re seeing many neurosurgeons looking for a new job less than a year or two into their first practice position because, for example, they’re only getting 60 to 100 cases a year.”

There’s no surefire way to avoid getting into a situation in which the practice doesn’t live up to either the hiring entity’s promises or the neurosurgeon’s expectations. But asking pointed questions—about the facility’s positioning, marketplace demographics and practice resources—can help.

Mr. Hajart proposes the following as “must-ask” questions for neurosurgeons evaluating opportunities in programs that don’t have a long track record:

- What do you view as your deficiency areas [in the practice or program] that might affect a neurosurgery practice, and what are your plans for addressing them?
- Does your hospital have and support my sub-specialty area? For example, if the hospital is recruiting for spine, are orthopedic musculoskeletal services available? Or if it’s recruiting for a functional neurosurgeon, does it have neuroelectrophysiology and pain management services in house?
- Do you have the equipment I need to do my job, or the ability to obtain that equipment? “The point is to think through all of the things you will need to build a successful practice for yourself,” Mr. Hajart explains, “and find out if they’re available—or if there are near-term plans to add them.”
- How many neurosurgeons in my specialty area are in practice in your region? It’s important to look beyond the facility’s case volume, to the larger marketplace and the trends in that marketplace, Mr. Hajart observes, that might limit a new neurosurgeon’s ability to build a practice.

“What you really need to know is this: How many people like me are there in this area, and is there enough services demand to support another neurosurgeon in my specialty?” he said.
Resident Profile

Krystal Tomei, MD, MPH

Current: Chief resident, University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Neurological Surgery Program

Up next: A pediatric neurosurgery fellowship at Barrow Neurological Institute, Phoenix. Hopes to work in a pediatric hospital setting ultimately, while retaining the ability to also hold privileges at an adult facility so that she can follow patients into their adult years.

Why she chose neurosurgery: It was actually my childhood dream—I started thinking that I wanted to be a brain surgeon when I was 11. I had a cousin who had a TBI, around the same that I decided that, hey, the human body is pretty cool. I started by trying to understand more about what happened to my cousin, and somehow I’ve never wavered. I think my parents are still surprised, because there’s never been a physician in my family on either side.

I tried to. At one point, when I had already done trauma and plastic surgery, I remember thinking, ‘if I don’t like neurosurgery, I am totally screwed.’ But of course I loved the field!

It’s interesting now, because it feels like the days drag and yet the years fly by.

Professional involvement: I joined the American Medical Students Association during medical school, and that was my first exposure to organized medicine. I learned that health policy is not the same as politics— that it’s gratifying to take a role beyond caring for your own patients, to try to improve the system and the care of patients you’ll never see. It’s been inspiring to see how many physicians see the value in that role.

I stayed involved with the AMA, and then got involved in the neurosurgery organizations. They welcomed me with open arms because they don’t often have residents who are willing to spend that extra time. So they’ve actually created ways for me to stay involved, and I now sit on AANS and CNS joint guidelines committee and am a member of the CNS Quality Improvement Work Group. It’s been a real learning experience, and I see enough value in this that it’s been worth using my vacations and some weekends I’d have otherwise had off to do the work.

Advice to neurosurgery resident colleagues: At some point in neurosurgery you will hit a low you’ve never hit in your life, when you are beyond exhausted and your patient isn’t doing well, and you’ve made a mistake—and we all do.

And the last thing you should do when you hit that low is to say, ‘I wish I would have done x.’ Instead, say to yourself, ‘This sucks, but I couldn’t picture myself doing anything else—and it can only get better from here.’

As for planning your career, as you start to look at fellowships and practice options, make a wish list of what you want in both your fellowship training and your future career. And when you start to evaluate fellowships, don’t forget to start thinking about what you want in your future practice. Your fellowship should be just another step in that direction.

— By Bonnie Darves
**IN BRIEF**

**Neurosurgeon shortage: IOM alerted**

Getting a handle on how a specialist shortage will play out in the U.S. healthcare services marketplace is difficult for policymakers and patients alike, but the recent numbers in neurosurgery make the case fairly clearly: There are more than 5,700 hospitals that serve more than 311 million Americans, yet only an estimated 3,689 board-certified neurosurgeons are in practice today.

That ratio will worsen soon, the Society of Neurological Surgeons predicts, as an additional 30 million Americans receive healthcare benefits under health reform and the baby boomers hit the Medicare rolls in full force over the next five years.

That was the message Ralph G. Dacey, Jr., MD, the society’s president, delivered to the Institute of Medicine in December 2012, referring to the “supply-demand mismatch that will become even more acute” with the aging of the population.

Dr. Dacey urged the IOM to both recognize the protracted education and training pipeline for the specialty—up to 18 years for some subspecialists—and press for additional financial support for graduate medical education to increase the number of ACGME-accredited training spots. “Replenishing the neurosurgical workforce is no easy task,” he told the IOM.

**CNS launches new education foundation**

The Congress of Neurological Surgeons recently announced the launch of a new foundation to support the development and ongoing support of educational initiatives in neurosurgery practice. Called the CNS Foundation, the entity will focus not on research but rather on practice enhancement initiatives, particularly in the areas of practice guidelines and international education that will advance the specialty in the future.

Specific details on the foundation’s mission and activities will be announced in the coming months.

---

**UPCOMING U.S. NEUROSURGERY EVENTS/CMEs**

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neurorsurgical Update: Interactive Review by Case Management</td>
<td>February 16 - 17</td>
<td>Coral Gables, Florida</td>
</tr>
<tr>
<td>Annual Meeting of the AANS/ CNS Section of Disorders of the Spine and Peripheral Nerves</td>
<td>March 6 - 9</td>
<td>Phoenix, Arizona</td>
</tr>
<tr>
<td>64th Southern Neurosurgical Society Annual Meeting</td>
<td>February 20 - 23</td>
<td>Sarasota, Florida</td>
</tr>
<tr>
<td>CNS MOC Board Review Course</td>
<td>March 9 - 10</td>
<td>Phoenix, Arizona</td>
</tr>
<tr>
<td>Neurosurgical Society of America Annual Meeting</td>
<td>April 7 - 10</td>
<td>Sea Island, Georgia</td>
</tr>
<tr>
<td>Rocky Mountain Neurosurgical Society</td>
<td>June 16 - 21</td>
<td>Maui, Hawaii</td>
</tr>
<tr>
<td>Pain Bi-Annual Meeting</td>
<td>April 26</td>
<td>New Orleans, Louisiana</td>
</tr>
<tr>
<td>81st AANS Annual Meeting</td>
<td>April 27 - May 1</td>
<td>Cleveland, Ohio</td>
</tr>
</tbody>
</table>

**UPCOMING INTERNATIONAL CMEs**

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Association of Spinal Surgeons Annual Meeting</td>
<td>March 13 - 15</td>
<td>The Halls, Norwich</td>
</tr>
<tr>
<td>International Society for the Advancement of Spine Surgery</td>
<td>April 2 - 5</td>
<td>Vancouver, B.C., Canada</td>
</tr>
<tr>
<td>XXII European Stroke Conference</td>
<td>May 28 - 31</td>
<td>London, United Kingdom</td>
</tr>
<tr>
<td>WLNC (World Live Neurovascular Conference)</td>
<td>May 29 - 31</td>
<td>Istanbul, Turkey</td>
</tr>
</tbody>
</table>

---

*Offering a Fellowship Opportunity?*

Reach 3,250 neurosurgeons and trainees by publicizing your program in Neurosurgery Market Watch!

For more information, contact Katie Cole at (303) 832-1866 or info@harlequinna.com.

---

For more information regarding any of these events, or to post your upcoming CME or neurosurgery event, please contact info@harlequinna.com.
What to Expect During a Site Visit

By Katie Cole

After a neurosurgeon considers a job opportunity and speaks with either administrators or other neurosurgeons at the prospective practice, the site visit usually follows. This is the exploratory part—the neurosurgeon meets with the administrators and other physicians, tours the office and associated hospitals, and gets a feel for the location and community.

A site visit serves as a mutual interview for both the neurosurgeon considering the opportunity as well as the facility considering hiring the neurosurgeon, and is typically the first face-to-face encounter for both parties. To ensure that it is time well spent, both parties should adequately prepare for the visit.

The site visit is an essential part of evaluating a physician opportunity, for all involved. But it's important to remember that regardless of how heavily recruited the neurosurgeon is, the site visit proceedings are also an interview—and an important one. The facility showcases what they have to offer, and the neurosurgeon promotes himself or herself.

Neurosurgeons often are so focused on evaluating the location and facility that they may almost forget that they're still being interviewed. During the visit, neurosurgeons are expected to not only elaborate on training and experience, but also respond to questions involving behavioral and compatibility issues.

Because the site visit almost always involves travel, the extended encounter gives both parties a chance to get to know each other not only at the facility but also in social situations such as dinners. In short, while neurosurgeons' credentials and training are important, demeanor and working congenially with staff are also essential aspects of making a good impression.

What to expect

Most site visits include one to two full days of interviews and meetings with hospital administrators and other physician leaders, as well as the neurosurgeons involved in the hiring group. A visit often can be scheduled at either the beginning or end of the week, to allow an extra day for the neurosurgeon (and possibly the spouse as well) to tour the area and perhaps meet with real estate agents to tour neighborhoods and properties.

Hospital administrators involved in the interview vary considerably from one visit to another. A neurosurgeon can expect to meet with individuals ranging from the hospital CEO, to the vice president of operations, to the practice management director and, invariably, the hospital recruiter. Physician leaders are typically included in the itinerary, and it is important to meet with as many neurosurgeons as possible to see if there is a clinical and personality fit for both the candidate and the group.

The visiting neurosurgeon typically is provided with an itinerary of the site visit, including the names and titles of the hospital staff and all confirmed travel arrangements, including air ticket information, rental car information, and hotel accommodations.

“While neurosurgeons’ credentials and training are important, demeanor and working congenially with staff are also essential aspects of making a good impression.”

If it is determined after the first visit that there may be a mutual fit, typically a second look is scheduled to confirm details of the opportunity. This includes going over the compensation and the technical aspects (such as available and needed equipment). The discussion also typically involves confirming call, and negotiating the salary and other benefit and incentive details.

During training, the average neurosurgeon can only visit with four or five facilities because the final years of training or fellowship already consume most of a neurosurgeon’s available time. For neurosurgeons who are already working, it may be difficult to request time off to visit another facility.

Before making the visit, research the area, the demographics and payor mix, any obtainable information available about the opportunity and the community. Also check out the hospital or group’s website, and get a grasp of the facility’s programs and services.

After the site visit

After the visit, review the key points covered. The visiting neurosurgeon should have a good understanding of the opportunity. Ensure that all important questions were covered during the visit—not only the clinical aspects but also the prospective compatibility among the physician colleagues, and whether the community meets the neurosurgeon’s needs. Look for red flags; and it goes without saying that the impressions of the visiting neurosurgeon’s spouse are important.

After the visit, if there is mutual interest in moving forward, the neurosurgeon should convey his or her interest almost immediately to key personnel involved in the interviews, as that might not have come across during the visit. A thank-you letter, carefully crafted and sent either by email or traditional mail, is appropriate. If the neurosurgeon is interested in the position, he or she should be sure to let key personnel know. Even if the opportunity is not a good match, the neurosurgeon should still send a timely thank-you letter—one that indicates that he or she will be continuing the job search.

Ms. Cole, a Denver resident, is publisher of Neurosurgery Market Watch.
Compensation Update

(continued from Page 3)

financial services, cites an anecdotal indicator of the marketplace shifting and volatility that’s occurring in many of the specialties: Many of Lahey Clinic’s former residents—the practice trains 145 across several specialties—who have taken hospital-employed positions elsewhere in recent years are calling to inquire about potential openings at Lahey. “Many of the residents go out there, but then want to come back and be part of the organization a few years later,” Mr. Holden said, presumably because they suspect a shakier reimbursement picture.

“I think they view this as a ‘safe’ place, because, like Mayo, we’ve been doing this [large group practice] model a long time, and we’re very experienced at it,” Dr. Nesto added.

Both he and Mr. Holden concurred that the overall earnings picture for specialists, including neurosurgeons, remains bright, especially as the baby boomers move into Medicare in growing numbers. However, they also agreed that physicians should become more cognizant of forces—such as bundled payments and outcomes performance payments (or reductions)—that challenge practice leaders and administrators as they structure compensation plans.

“Those factors just aren’t on young physicians’ radars,” Mr. Holden said. “And while neurosurgeons are well paid and will continue to be pretty well paid, they need to understand that the [reimbursement] base for what practices get paid is shrinking.”

Aaron Hajart, MS, senior director of administration at the Neurological Institute of New Jersey in Newark, a large academic program affiliated with the University of Medicine and Dentistry of New Jersey, concurs with Mr. Holden thinks that it behooves young neurosurgeons to obtain a basic grasp of the market forces affecting neurosurgery before they start interviewing. “What we see here is that many neurosurgeons come in knowing the [compensation] figure they want, but they don’t really understand the factors affecting compensation,” he said.

Bonnie Davies is a Seattle-based freelance healthcare writer.
### NEUROSURGERY POSITIONS

<table>
<thead>
<tr>
<th>HOSPITAL EMPLOYED</th>
<th>PRIVA-DEMIEC</th>
<th>PRIVATE PRACTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia</td>
<td>Pennsylvania</td>
<td>Long Island, NY</td>
</tr>
<tr>
<td>Colorado</td>
<td>North Carolina</td>
<td>Colorado (Spine)</td>
</tr>
<tr>
<td>Ohio</td>
<td>New York</td>
<td>Virginia (Spine)</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Wisconsin (Spine)</td>
<td>Baltimore, MD</td>
</tr>
<tr>
<td>Texas</td>
<td>Brooklyn, NY (Spine)</td>
<td>Kansas</td>
</tr>
<tr>
<td>Tennessee</td>
<td>Ohio (Neuro-Oncology)</td>
<td>California</td>
</tr>
<tr>
<td>Boston, MA</td>
<td>Pennsylvania (Skull Base)</td>
<td>Nevada</td>
</tr>
<tr>
<td>Wyoming</td>
<td>ACADEMIC</td>
<td>Staten Island, NY (Spine)</td>
</tr>
<tr>
<td>Philadelphia, PA</td>
<td>Wisconsin (Neuro-Interventional)</td>
<td>New Jersey</td>
</tr>
<tr>
<td>Indiana</td>
<td>Kentucky (Pediatric)</td>
<td>Detroit, MI</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>Nebraska</td>
<td>Alabama</td>
</tr>
<tr>
<td>Ohio (Spine)</td>
<td>North Carolina</td>
<td>Arkansas</td>
</tr>
<tr>
<td>Arkansas</td>
<td>Florida (Pediatric)</td>
<td>Maryland</td>
</tr>
<tr>
<td>Washington (Neuro-Endovascular)</td>
<td>Tennessee (Functional)</td>
<td>Texas</td>
</tr>
<tr>
<td></td>
<td>Detroit, MI (Spine)</td>
<td>Alabama</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEADERSHIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nebraska</td>
</tr>
<tr>
<td>Wisconsin</td>
</tr>
</tbody>
</table>

For more information on these positions, or if you are interested in hiring a neurosurgeon for a permanent position, please contact info@harlequinna.com.

If you have any locums assignments available, or if you are interested in locums positions, please contact Aaron Risen at The Surgeons Link at aaron@thesurgeonslink.com

---

### FEATURED OPPORTUNITY

#### Academic Spine Neurosurgery Department Opening in Wisconsin

A Wisconsin teaching hospital seeks a BE/BC neurosurgeon to join its neurosurgery department. This position will be a spine neurosurgeon position, although it will incorporate general neurosurgery as well, and the position will be fully employed by the health system and will incorporate a full-scope departmental role.

Spine fellowship or equivalent experience is preferred, and experience with all types of spine procedures, including complex spine, is also preferred. The department also has preference for a candidate with leadership experience or interest in pursuing leadership in academics, as the opportunity is structured to enable the incoming neurosurgeon to move relatively quickly into a leadership role. Rank will be commensurate with experience.

The incoming neurosurgeon will receive full support from the facility and the community. Call will be 1:6 for the incoming neurosurgeon. There is also a full support staff, including NPs and PAs, who also take call. The facility is consistently rated a Top 100 institution in the nation. The incoming neurosurgeon will receive a very competitive salary and a full menu of benefits.