

Ema



benefits are contracted with providers who provide quality service and have the data to back it up. Insurance payers are also looking to contract with evidence-based providers—those with the volume and a quality track record. Departments that can provide that information will be ahead of the game and may benefit with higher reimbursement rates. Having said that, tracking our institution's patient outcomes within radiation oncology can be a daunting task. Patients may not be followed for as long a period of time as they used to be. This is due to either physician preference, patients moving geographically or needing to be referred elsewhere for insurance purposes.

Also radiation oncology fields within the cancer registry are no longer required fields. At best we can obtain dosages delivered, but little information regarding complication rates—short or long term—are available to us in most cases. Doing retrospective studies is time-consuming and most non-academic facilities do not have the staff to support such endeavors. Whatever the barriers, we must make this a priority.

There are several software packages available to assist oncology managers in tracking quality assurance issues. The most widely used are IMPAC, VARIS, TMA Technology and various MS Office Applications (Excel, Access). Both IMPAC and VARIS have extensive reports that will provide information regarding demographics (zip code, gender), revenue enhancement (payment, authorizations, co-payments and costs), patient statistics (new/old, curative/palliative, referring doctor), scheduling (equipment utilization, productivity), and treatment information (site specific treatment plans, variances, overrides, dosage).

The impact of new technology

The rad onc field has seen the recent emergence of new labor-intensive technologies like intensity modulated radiation therapy (IMRT). In addition, the AAPM has not had time to standardize and make final recommendations via an official task group report for the QA processes of these types of procedures. This adds additional processes onto an already large workload for many oncology departments.

In addition, there is a staffing shortage in many departments. A recent survey of American Society for Therapeutic Radiation and Oncology (ASTRO) members reveals that practices have a staffing vacancy rate of 18 percent. This represents a need for an additional 1800 therapists. A significant majority of the respondents also felt that the shortage impacted the quality of patient care being delivered in their respective departments. While recruitment numbers are rising in the field, there is also a loss due to movement into management, education, retirement and other fields. The bottom line is that adoption of new technologies requires more skilled man hours. Adoption of resources to streamline and improve quality assurance issues will maximize efficiency and improve performance.

Rad onc procedures are by their very nature complex and it is important for staff (physics, dosimetrists, therapists) to be well prepared and to record the procedures in an accurate and timely fashion. Often it appears that first patients are being rushed into treatment with a newer technology either due to physician insistence or because there are financial incentives with better reimbursement. Treatment and QA policy and procedures should be in place prior to application.

Moreover, patient education should precede treatment. The tools and resources are available for efficient data collection and tracking. With the growing consumer emphasis on quality health care these procedures are likely to become required for treatment and licensing.

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* Total survey results can be found on the TMA Web site at www.tmatech.com.

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