

**RADIATION  
ONCOLOGY  
PERFORMANCE  
ENHANCEMENT**



Tighten Your Performance!  
TMA Technology, Ltd.



## Radiation Oncology Performance Enhancement (ROPE) Database

The Radiation Oncology Performance Enhancement Database (ROPE) and our Web Portal, [www.TMATech.com](http://www.TMATech.com), work hand-in-hand to provide an innovative way to gather and report vital information necessary to obtain the goals of accreditation, reach maximum clinical efficiency and provide ultimate patient care.

### ROPE Database:

- The ROPE is an online application service provider (ASP) solution that can be accessed via any workstation, laptop or PDA with internet access. Software upgrades and backups are done remotely by TMA Technology, therefore are effortless to onsite staff. This setup increases both flexibility and efficiency in the clinic.
- The ROPE provides a comprehensive patient QA section that requires input from all staff involved in the patient treatment process. Reports can be generated to show which tasks have been completed, which haven't and why. QA items are based on standards recommended by the ACR, ACRO, JCAHO and the community. In addition, the ROPE has implemented several ways of tracking and reporting hidden processes which could lead to operational issues.
- The ROPE can track certain aspects of staff productivity, specifically physics and dosimetry, that are not typically included in the charging statistics. Therefore, productivity statistics are more accurately accounted for and the need for additional staff can be better justified.
- The personnel section provides a way to easily record and track licensure and certification due dates, mandatory in-services and continuing education credits. A comprehensive report showing all of this information can be generated for each employee or all employees in the department, fulfilling a key requirement during the accreditation survey process.
- The equipment section of the ROPE provides several ways to meet and maintain compliance with state and federal organizations. QA for the linear accelerator, simulator and treatment planning system is based on recommendations by the AAPM Task Groups. Reports can be easily generated to document compliance.
- ACR and ACRO links are incorporated so that standards are easily accessible. Links to the TMA Web Portal provide access to policies and forms that correlate to items in the database.
- Data generated from the ROPE can be used to benchmark clinical and technical processes and can be utilized as a QA comparison analysis tool for network sites.

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