RSNA Press Release

RSNA Publishes COVID-19 Radiology Surge and Post-Surge Preparedness Guidance

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Communities and hospitals across the country are either already experiencing or soon expecting large surges of patients with COVID-19, which will stretch thin or exhaust hospital resources including hospital beds, personal protective equipment (PPE), and staff and faculty resources. In coordination with their hospitals, radiology departments need to prepare for the expected patient surge.

The RSNA COVID-19 Task Force Surge Preparedness document lays out a series of steps hospitals can take to prepare for an influx of COVID-19 patients during the outbreak. These steps include patient screening, rapid triage environments and redeploying radiologists to the front lines.

After overcoming the peak of health care resource needs in a region, hospitals and their radiology departments must turn more of their focus to patients whose elective, screening and other time-sensitive imaging examinations have been postponed. General guideposts for initiating this phase include adequate health system resources and sustained decreases in new COVID-19 case presentations and admissions.
Mahmud Mossa-Basha, M.D.

It is important to consider that continued school and day care closures may have a substantial impact on the availability of sufficient radiology staff. Mitigating factors may include staggering work shifts, home workstations for radiologists and capacity for flexing or redeploying staff as needed.

The Post-COVID Surge Radiology Preparedness document provides guidance for managing radiology departments after the COVID-19 patient surge has waned. It outlines approaches
for reopening elective imaging services. It addresses how to limit potential patient exposures
to coronavirus and protect health care workers. The document also discusses
post-COVID-19 planning and education.

“The RSNA COVID-19 Task Force has developed these insights to help guide radiology
groups through the COVID-19 pandemic, providing tools and information to help them best
care for their patients in an efficient manner, while protecting their patients and health care
workers from potential exposures,” said task force chair Mahmud Mossa-Basha, M.D., from
the University of Washington Medical Center.

RSNA is committed to providing trusted resources to the radiology community as they
prepare for and manage patient surges caused by the spread of COVID-19. RSNA
established the COVID-19 Task Force to lead RSNA’s efforts in educating radiologists and
health care professionals about the impact of COVID-19 and develop needed tools to help
radiology departments handle the crisis.

The Task Force previously published a best practices guidance document: “RSNA

The RSNA COVID-19 Task Force has been working to identify and prioritize radiology’s
needs stemming from the outbreak. In addition to Dr. Mossa-Basha, task force members
include Javad R. Azadi, M.D., Johns Hopkins Medicine, Christopher Filippi, M.D., North
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Soo Tan, M.D., Singapore General Hospital, and Erik M. Velez, M.D., University of
Southern California.

Dr. Mossa-Basha noted that the goal of the task force is to provide tools and information to
radiologists that will equip them to manage the COVID-19 outbreak.

“These resources include guidance on departmental policies, surge and post-COVID
preparedness insights, educational resources and radiology reporting tools,” he said.

Additional RSNA COVID-19 resources may be found at RSNA.org/COVID-19.

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RSNA is an association of radiologists, radiation oncologists, medical physicists and related scientists
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