

Dana-Farber Cancer Institute, Inc.
DoN Application #DFCI-25090516-RS
Substantial Change in Service

DoN QUESTIONS #3

Responses should be sent to DoN staff at DPH.DON@State.MA.US

While you may submit each answer as available, please

- List question number and question for each answer you provide
- Submit responses as a separate word document, using the above application title and number as a running header and page numbers in the footer
- When providing the answer to the final question, submit all questions and answers in one final document
- Submit responses in WORD or EXCEL; only use PDF's if absolutely necessary. If "cutting and pasting" charts, provide them in a PDF so they can be clearly seen
- **Whenever possible, include a table with the response**
- **For HIPAA compliance Do not include numbers <11.**

Factor 1a: Patient Panel Need

1. To better understand the Applicant's estimation of Patient Panel access to the proposed proton system based on the Proton Therapy Capacity Calculations (Table 8 pg. 16), please explain how the Applicant determined that the Center would operate 12 hours a day, and 243 days per year. What factors did the Applicant consider when calculating the treatment capacity of the proposed proton system?

The Applicant calculated the treatment capacity of the Center by considering the time required to warm up the machine at the beginning of the day, perform quality assurance testing at the end of the day, conduct necessary and preventative maintenance, and conduct research. This results in a 17–19-hour operating day, of which 12 hours will be used for treatment.

The Center will treat patients 243 days per year. There are typically 251 treatment days per year after accounting for weekends and holidays. The Applicant then anticipates that the machine will run at 97% uptime, which results in 243 treatment days.