

User Instructions

Welcome to the *Image Gently*

Practice Quality Improvement Program in CT Safety for Children.

This learning module is divided into several sections:

- 1.) Introduction
- 2.) Gathering baseline data on your worksheet (provided)
- 3.) Entering baseline data into the survey tool and getting feedback (you will need to create a user name and password)
- 4.) Reading scientific evidence regarding each metric and creating your practice improvement plan
- 5.) Feedback to authors of this module through an online survey (short)

These user instructions will “walk “you through this process.

This *Image Gently* learning resource can be accessed on the World Wide Web by following the steps below:

Go to: <http://www.imagegentlypqi.org>



Welcome to *Image Gently*:
A Practice Quality Improvement (PQI) Program in
Computed Tomography (CT) Scans in Children

This online learning program consists of a:
Practice Quality Improvement (PQI) Project:

This PQI module will capture how your practice performs CT scans in children, and allows you to compare your practice to “safe practice” in the literature and ACR guidelines. A survey tool allows you to compare your practice to others who have taken the module. The survey tool is not a scientific survey or registry.

PLEASE NOTE that practice improvement should be tailored to your practice! The practice interventions suggested in this module and practice tools provided are samples for you to use or modify as appropriate. They are not intended to be standards. This PQI program has been approved for the American Board of Radiology Maintenance of Certification Part IV.

At the conclusion of this module, you will be asked to provide non-identifying demographic data. You will also be asked to provide feedback to the authors regarding the educational content and presentation of this module for the purpose of improving this on-line learning tool. This information may be used for scientific research. By entering data in the survey, you agree to participate.

Section 1:



To start the module, click on the home page.

Click on the blue “Start” button at the bottom of the home page to advance to the next page.

(You will not create log in until you reach Section 3)

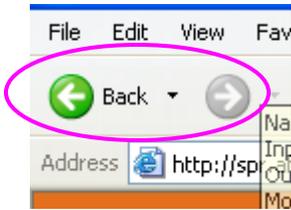
Continue to follow the blue links at the bottom of each page.

DISCLAIMER

The contents of this PQI Module, including text, graphics and other materials ("Contents") is a recitation of general scientific principles, intended for broad and general physician understanding and knowledge and is offered solely for educational and informational purposes as an academic service of Cincinnati Children's Hospital Medical Center. The information should in no way be considered as offering medical advice for a particular patient or as constituting medical consultation services, either formal or informal. While the Content may be consulted for guidance, it is not intended for use as a substitute for independent professional medical judgment, advice, diagnosis, or treatment. Nothing in this Content pertains to any specific patient and the dissemination of such general information does not in any way establish a physician-patient relationship nor should the information be considered, or used, as a substitute for medical diagnosis or treatment. Content users must use their independent judgment in determining the value and use of the information contained herein and its application to a situation. Cincinnati Children's Hospital Medical Center expressly disclaims any decision-making authority or supervisory control over the recipient. The Content does not constitute either an explicit or implicit consent or contract by any physician or other employee of Cincinnati Children's Hospital Medical Center to create a physician-patient relationship and such information in no way creates, substitutes or in any way consists of examination, diagnosis, treatment or the prescription of treatment for any patient. No information provided herein shall create a warranty of any type nor shall any person rely on any such information or advice.

[Begin Course](#)

You may use the navigation buttons at the top left side of the screen to move through your lesson.



Anytime you see a web address in blue, if you click on this it will take you to the site or PDF file.

This program has been certified by the American Board of Radiology's Maintenance of Certification program. Upon successful completion of this learning activity, radiologists eligible for Maintenance of Certification (MOC) may record this activity as a PQI project under Part IV of the American Board of Radiology MOC requirements. Click here to access: http://www.theabr.org/moc/moc_landing.html

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The course outline page takes you through the PQI steps. Start with item 1 and follow the link. Proceed to item 2,3,4,5,6 and 7.

COURSE OUTLINE

Your Practice Quality Improvement Project
Click on each of the nine blue items for links to further reading

1. [What is practice quality improvement?](#)
2. [What are the basic steps of practice quality improvement?](#)
3. [Why is PQI good for my patients and practice?](#)
4. [What are cycles in PQI?](#)
5. [What is a metric?](#)
6. [Materials you will need to complete this PQI project](#)
7. [Starting my PQI project](#)
8. [Obtaining baseline data](#)
9. [Learning tools and practice interventions to improve my practice](#)
10. [Planning for next improvement cycle](#)

Click on item 8 to view the metrics and fill in your metric worksheet

After completing item 8, click on item 9 to enter the survey tool. At this point you will create your log

To log in to the survey tool open item 9.

LOGIN FOR SURVEY TOOL

New User Registration

Are you new? [Click Here!](#)

Already Registered?

Email:

Password:

Forgot your password? [Click Here!](#)

Make sure to keep your metric worksheet in a secure place.

New users must register

New users must register the first time they use this learning module
 You will use your complete email address.
 You will create a 6 character password.
 Registered users should record their password in a safe place.
 This program does not save your password.
 If you lost your password you must contact us for help with technical issues. See home page.

Home :: Campaign Overview :: The Alliance :: Conferences :: Contact

image gently™

The Alliance for Radiation Safety in Pediatric Imaging

Tests/Procedures | What Can I Do? | Resources | FAQ | International Resources

Let's *image gently* when we care for kids! The *image gently* Campaign is an initiative of the Alliance for Radiation Safety in Pediatric Imaging. The campaign goal is to change practice by increasing awareness of the opportunities to lower radiation dose in the imaging of children.

A PRACTICE QUALITY IMPROVEMENT PROGRAM FOR RADIOLOGISTS

Welcome to Image Gently:
 A Practice Quality Improvement (PQI) Program in
 Computed Tomography (CT) for Children

This online learning program consists of a:
 Practice Quality Improvement (PQI) Project.

This PQI module will capture how your practice performs CT scans in children, and allows you to compare your practice to "safe practice" in the literature and ACR guidelines. A survey tool allows you to compare your practice to others who have taken the module. The survey tool is not a scientific survey or registry.
 PLEASE NOTE that practice improvement should be tailored to your practice! The practice interventions suggested in this module and practice tools provided are samples for you to use or modify as appropriate. They are not intended to be standards. This PQI program

Need help or forgot your password?
 Go to home page

Using the survey tool

To use the survey tool, collate the total score for each metric.
 The survey tool gives you an indication of how your practice is performing compared to others who have taken the module.

Metric Worksheet

Metric	Age	Sex	Weight	1-Justification	2-Parent Ed	3-Prn of Telle	4-Prn parent	5-Rec al	6-Ed exp History	7-Br est Shield	8-S gle Phose	9-Prn of Scan	10-Prn th	11-CT Lei	12-Prn	13-Prn Scan	14-Prn	15-Prn	16-Prn	17-Prn	18-Prn	19-Prn	20-Prn	21-Prn	22-Prn	23-Prn	24-Prn	25-Prn
1	1101776	5 F	20	0	0																							
2	11234	1 M	7	0	0																							
3	11243	2 F	8	0	0																							
4	11435																											
5	11243																											
6	11522																											
7	11254																											
8	12345																											
9	12546																											
10	11089																											
11	11465																											
12	12234																											
13	11334																											
14	11455																											
15	11576																											
16	11546																											
17	11768																											
18	12778																											
19	11902																											
20	11547																											
21	11708																											
22	11587																											
23	11368																											
24	11709																											
25	11590																											

For metric 2, the score is:
 0 = 25
 1 = 0
 2 = 0

Enter these totals in the survey page

METRIC 2 TABULATION AND SURVEY

Metric 2 Parent/patient education provided by your institution/practice:

This metric evaluates the communication from the radiologist to the parent/caregiver. Providing information to parents about the performance and risks of a CT scan prior to the study is a method to educate parents about the test and improve health literacy
 The goal of this metric is 100% compliance at level /score 2.

For each of the following statements, enter the number of patients (from the 25 patients reviewed in this PQI project) where the statement is true and enter the total number in the box.

0 No parent information was provided

1 Parent had an opportunity to view departmental information about the CT scan but this is not documented

2 Parents received departmental information about the CT scan. Reception of CT informational materials by parents is archived and readily accessible by the interpreting radiologist

Submit survey and receive feedback

Click on the SUBMIT SURVEY

See the response

CT RADIATION SAFETY PQI RESPONSES

My practice compared to others:

NOTE: This is not a scientific poll. This survey compares your practice to others who have taken the survey. It may be used to get a sense of how your practice compares to others who have performed this PQI project.

Metric 2 Parent/patient education provided by your institution/practice:

This metric evaluates the communication from the radiologist to the parent/caregiver. Providing information to parents about the performance and risks of a CT scan prior to the study is a method to educate parents about the test and improve health literacy

The goal of this metric (highlighted) is 100% compliance at level /score 2.

	Choices	Your Practice	Percent	All Practices	Percent
0	No parent information was provided	25	100.0%	140	42.0%
1	Parent had an opportunity to view departmental information about the CT scan but this is not documented	0	0.0%	129	38.7%
2	Parents received departmental information about the CT scan. Reception of CT informational materials by parents is archived and easily accessible by the interpreting radiologist	0	0.0%	64	19.2%

[Back](#)

The goal for each metric is 100% compliance (ORANGE BOX). In this example, the radiologist is giving parents information about CT. This practice may wish to focus on improvement for this metric. About 20% of practices who have entered survey data are giving parents information about CT scan use.

After you have completed all 10 metrics, complete the final learning exercise.

Creating your practice improvement plan

To create your practice improvement plan, either print out this form (provided under section 6 in the course outline) or save it to your desktop.

This, along with your metric worksheet is your documentation that you have completed this project. Keep it in a safe place. These answers are NOT recorded in a central database. **IT IS YOUR RESPONSIBILITY TO KEEP YOUR RECORDS OF THIS PROJECT FOR Maintenance of Certification purposes.**

Practice Improvement Plan Worksheet

Data Cycle # _____ Date _____

1. Metric 1 Justification for exam provided by referring physician.

2. Metric 2 Parent/patient education provided by your institution/practice.

3. Metric 3 Communication of critical patient information from parent to radiologist prior to scan.

Feedback to the authors

The authors of this online tutorial would be very grateful for your evaluation and feedback using the online form. It is very short. Many thanks for using this product.

PQI USER FEEDBACK 

1. Overall This PQI Module was useful.
 Strongly disagree Moderately disagree Disagree Agree Moderately agree Strongly agree

2. The instructions were easy to follow.
 Strongly disagree Moderately disagree Disagree Agree Moderately agree Strongly agree

3. I learned more about the evidenced based performance of CT practice in children as a result of this program
 Strongly disagree Moderately disagree Disagree Agree Moderately agree Strongly agree

4. My CT Practice in children was improved as a result of performing this PQI module.
 Strongly disagree Moderately disagree Disagree Agree Moderately agree Strongly agree

5. This PQI module will play a substantial role in dramatically improving medical and quality of life outcomes.
 Strongly disagree Moderately disagree Disagree Agree Moderately agree Strongly agree

6. This PQI module was a worthwhile investment in professional development
 Strongly disagree Moderately disagree Disagree Agree Moderately agree Strongly agree

7 Please provide one example of how you intend to apply what you learned from this program or if this program was not helpful, why have you reached this conclusion..

Please add any other comments you believe will be helpful to the authors of this program.