

# iQ-SR2PDF CONVERTER 1.2

## From SR to PDF

Automate the creation of your radiology reports

DICOM Structured Reports have significantly improved medical diagnostic report communication as they are readable by medical information systems worldwide and lead to a much better report turnaround time. But outside of the radiology department, referring and treating physicians still rather prefer to receive the results for their patient's procedures in a PDF or paper format.

iQ-SR2PDF CONVERTER helps to combine the efficiency of a DICOM SR with the traditional expectations of receiving a radiology report in letter form.

This smart application complements our iQ-SYSTEM PACS product range and offers iQ-4VIEW and iQ-VIEW users further advantages as it automatically transforms DICOM Structured Reports from both applications into customized PDF letters and makes those available for sharing.

### BENEFITS



Save valuable time and automatically transform iQ-4VIEW and iQ-VIEW DICOM SR into DICOM PDF



Share the reports with multiple DICOM targets (using iQ-WEB)



Create your report templates per imaging center (institution), radiology reading group (reading entity) or radiologist (reading physician)



Digitally sign the reports by adding single (verifier) or dual signature (verifier and observer)

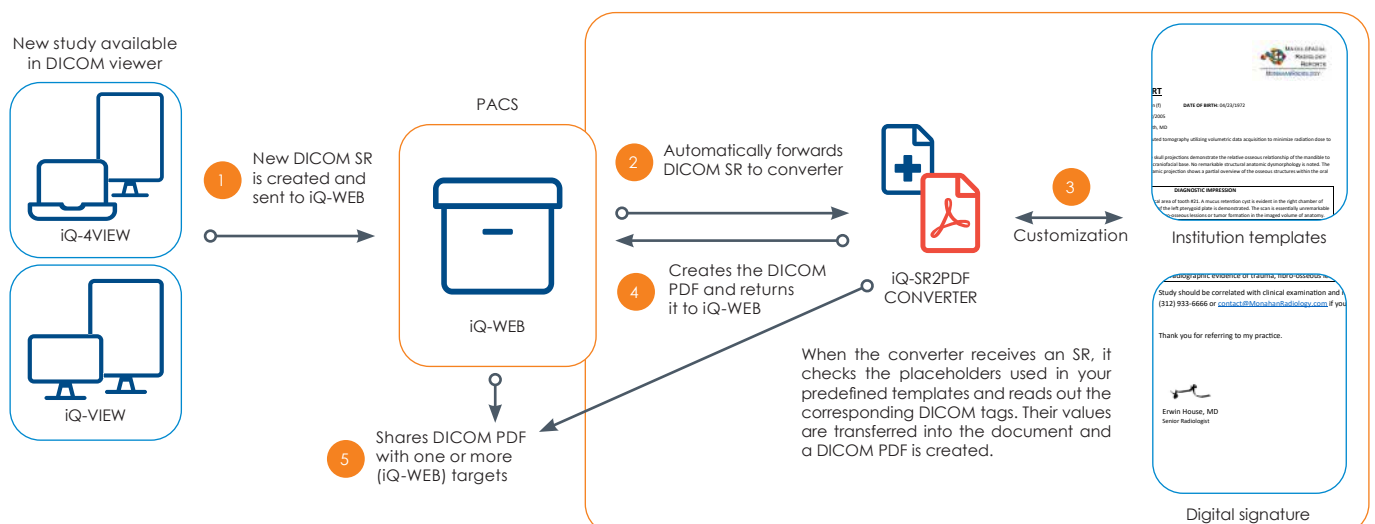


Manage the PDF reports for referring physicians in iQ-WEB or any other PACS supporting DICOM PDF objects



Use patient ID barcodes (EAN-13 and UPC-A supported)

How does iQ-SR2PDF CONVERTER fit into the medical imaging workflow?



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## SUPPORTED PLACEHOLDERS

Placeholders can be used to automatically include information provided in the DICOM SR in the radiology report. Every placeholder matches a specific DICOM tag. The value in this DICOM tag is read out and added to the letter text in the position where the placeholder is set.

### The following placeholders are available\*:

- Patient demographics (patient name, gender, date of birth and patient ID), patient's address and phone number
- Referring physician's name, address and phone number, requesting physician's name, admitting diagnoses description
- Study description, study date and time, accession number, body parts examined, modalities in study, series description list, institution name, device manufacturers and model names
- Report status and verification date, report text fields (Technique, Observation, Summary), observer's and verifier's names, incl. signatures and professional roles
- Barcode of patient ID (EAN-13 or UPC-A)

\* iQ-4VIEW ≥ 2.2.3 is required for full use of all placeholder options. The use of placeholders is limited for iQ-VIEW.

## PDF LETTER EXAMPLES

**MAXILLIOPACIAL RADIOLOGY REPORTS**  
www.maxillofacialradiology.com

**RADIOLOGY REPORT**

PATIENT NAME: Sandra Newman (F)      DATE OF BIRTH: 04/23/1972

DATE OF EXAMINATION: 20/12/2005

REFERRING DOCTOR: Alexa Smith, MD

**TYPE OF EXAMINATION:** Computed tomography utilizing volumetric data acquisition to minimize radiation dose to the patient.

**RADIOGRAPHIC FINDINGS:** The skull projections demonstrate the relative osseous relationship of the mandible to the maxilla and the maxilla to the craniofacial base. No remarkable structural anatomic dysmorphology is noted. The upper airway is patent. The panoramic projection shows a partial overview of the osseous structures within the oral and maxillofacial complex.

**DIAGNOSTIC IMPRESSION**

Histiocytic osteomyelitis noted apical area of tooth #21. A mucus retention cyst is evident in the right chamber of the sphenoid sinus. Pneumatization of the left pterygoid plate is demonstrated. The scan is essentially unremarkable for radiographic evidence of trauma, fibro-osseous lesions or tumor formation in the imaged volume of anatomy.

Study should be correlated with clinical examination and medical history. Please contact me at (312) 933-0556 or [contact@maxillofacialradiology.com](mailto:contact@maxillofacialradiology.com) if you have any questions.

Thank you for referring to my practice.

Erwin House, MD  
Senior Radiologist

Darwin Who, MD  
Junior Radiologist

American

**RAD Leipzig**

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04103 Leipzig  
Tel: 03424668

Leipzig, 18.05.2020

Sehr geehrter Herr Dr. Meyer,

besten Dank für die freundliche Überweisung Ihres Patienten:

Sandra Newman (w), 23.04.1972

**Röntgen-Thorax vom 21.04.2019**

**Befund:**  
Im Lungen regelrechter cardio-pulmonaler Status ohne Hinweise auf eine derzeit manifeste cardiale Dekompensation, eine größere pleurale Ergussbildung oder ein grobes extrinsisches Infiltrat. In einer Ebene im Seiten regelrechter cardio-pulmonaler Status. Kein Hinweis auf eine pleurale Ergussbildung mit freier Durchdringung der Randstrahl. Freie Belüftung des Lungensparenchyms ohne Nachweis eines frischen extrinsischen Infiltrates. Keine Zeichen der cardialen Dekompensation bei auch regelrechter Konfiguration und Größe des Herzschattens. Mediastinum und Hilustrukturen unauffällig.

Mit freundlichen Grüßen

Dr. Erwin House  
Facharzt für Radiologie

European

**TEST CLINIC TEST CENTERS**  
11 Ba TEST - TEST - Ha Noi  
ĐT: 1234567 - www.test.com

**KẾT QUẢ CỘNG HƯỞNG TỬ**

Full name: Sandra Newman      Gender: Female  
Date of Birth: 23/04/1972      Phone number: 12345678  
Address: 462 Cao Thang st, Hanoi      Medical code 123456  
Require: abdomen MRI      PID: 238472

**Technique:** Magnetic resonance examination on the abdominal cavity with axial, axial T1 và T2 FSE, T2fatsat, Diffusion, in/out of phase; coronal T2FSE not inject Gadolinium.

**Observation:**

- Liver not enlarged parenchyma, no focal mass
- Aortic bile duct does not dilate, with no visible stones
- Gallbladder is not tight, homogeneous bile is clear, stones are not visible
- The portal vein is not dilated, without thrombosis
- Spleen not large, uniform parenchyma, without abnormal structure
- Normal size on both sides, no localized mass
- No large lymph nodes are found along major blood vessels
- There is no peritoneal free fluid
- Bilateral parotid glands: no abscess or local mass.

**Summary:**  
There are currently no abnormalities in the abdominal cavity on magnetic resonance imaging.

Erwin House, MD  
Senior Radiologist

Asian

General Requirements: Installation on any currently supported 64 bit Microsoft Windows OS; Microsoft Word ≥ 2007 (for letter templates and appropriate conversion); DICOM SRs created by iQ-4VIEW and iQ-VIEW (unsupported reports are rejected)

Stamp of sales partner

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