



**PHILIPS**

IntelliSpace  
Cardiovascular

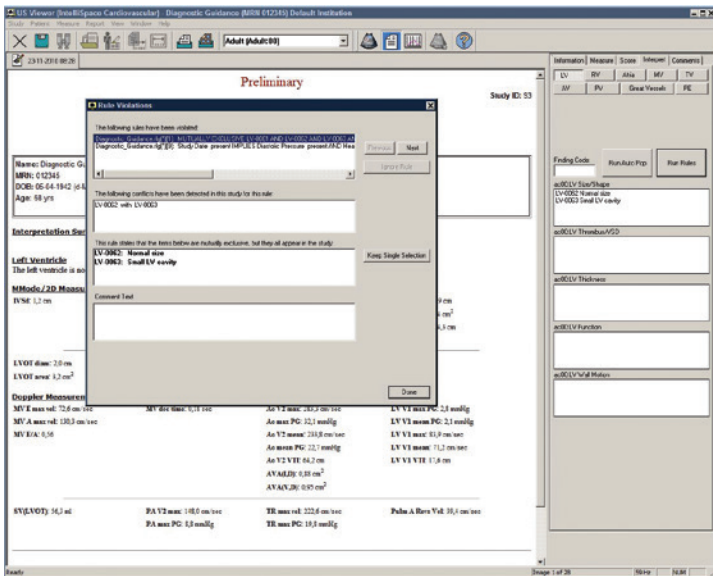
# Create echocardiography reports with **confidence**

IntelliSpace Cardiovascular Diagnostic Guidance

The contents of your echocardiography reports include measurements, findings, and conclusions upon which future treatment depends. However, timely and accurate echocardiography reporting continues to elude many institutions. The typical manual routine of data review and transcription is lengthy, can result in reporting delays, and does not eliminate all errors. The few automatic tools that exist can be cumbersome and lack the ability to highlight conflicting finding codes. Timely, comprehensive reports without conflicting codes enhance the reputation of both the reader and your laboratory.

## **Key advantages**

- Create comprehensive echocardiography reports that aid confident and efficient decision-making when developing treatment plans
- Helps you meet reporting standards and accreditation requirements the first time with confidence



# The rules you need for the **results** you want

Diagnostic Guidance gives you the ability to create rules that define relationships among distinct finding codes, measurements, and other items, so that you can create a customized reporting tool that matches the needs of your institution. The possibilities range from simple rules – such as ensuring that the weight of the patient is filled in – to complex rules that, based on a combination of patient/study attributes, finding codes, and measurements, can suggest potential pathologies for a particular patient.

## Identify conflicting or inconsistent statements

Caring for patients requires confidence in findings and conclusions related to those patients' studies. A busy clinical practice that uses Diagnostic Guidance discovered that at least one rule was violated in 83% of reports, and overall at least one change was made in 54% of all finalized studies.<sup>1</sup>

## Retrospective analysis for quality control

After evaluating close to 100,000 finalized reports, researchers reported that close to 25% of transthoracic reports and 10% of transesophageal reports contained inconsistent findings.<sup>2</sup> You can use the IntelliSpace Cardiovascular Diagnostic Guidance tool to interrogate this data to determine how often a given rule set is violated, which is useful in auditing situations, as well as in establishing best practices.

## Easy insertion of finding codes

The Diagnostic Guidance tool allows you to couple finding codes to create combinations of measurements and patient/study attributes. Based on these rules, finding codes can be inserted in the report (after user confirmation) to ease the process of reporting and confirm accuracy.

Our IntelliSpace Cardiovascular Diagnostic Guidance tool assists clinicians in generating complete echocardiography reports. An optional tool available with the IntelliSpace Cardiovascular image and information management solution, it operates during echocardiography reporting and warns you of conflicts, omissions, or patterns that could otherwise be mistakenly reported or even go unreported altogether. You can review the report and make any necessary corrections before report finalization.

<sup>1</sup> Spencer KT, et al. Identifying Errors and Inconsistencies in Real Time While Using Facilitated Echocardiographic Reporting. J AM Soc Echocardiogr 2015; 28:88-92

<sup>2</sup> Chandra S, Arling B, Rock J, Spencer KT. Detection of discrepancies in facilitated echocardiographic reporting using a prototype rule generator. J Am Soc Echocardiogr 2010; 23:778-82.

To learn more about how the Philips IntelliSpace Cardiovascular Diagnostic Guidance tool can help simplify clinician workflow, visit [www.philips.com/IntelliSpaceCardiovascular](http://www.philips.com/IntelliSpaceCardiovascular) or contact your local Philips sales representative.

