

### The Role of Red Blood Cell Distribution Width (RDW) in ...

<https://pubmed.ncbi.nlm.nih.gov/31807562>

Red blood cell distribution width (RDW) reflects erythrocyte size distribution, thus representing a reliable index of anisocytosis, widely used for the differential diagnosis of micro- and normocytic...

Cited by: 11 Author: Cristiano Fava, Filippo Cattazzo, Zhi-De ...  
Publish Year: 2019

### Red blood cell distribution width is associated with ...

<https://www.sciencedirect.com/science/article/pii/S0735675717308847>

Jun 01, 2018 Red cell distribution width (RDW) is calculated as the standard deviation of red blood cell (RBC) volume divided by the mean corpuscular volume (MCV) and is a quantitative expression of ...

Cited by: 20 Author: An Yi Wang, Hon Ping Ma, Wei Fong Kao ...  
Publish Year: 2017

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- What is a red blood cell distribution width?
- What is RDW in chronic kidney disease?
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### Red Blood Cell Distribution



Red blood cell distribution width (RDW) is a measure of the variation of red blood cell (RBC) size. It is reported as part of a standard complete blood count. Usually red blood cells are a standard size of about 6–8 μm in diameter. Certain disorders, however, cause a significant variation in cell size. Higher RDW values indicate greater variation in size. Normal reference range of RDW in human red blood cells is 11.5–15.4%. If anemia is observed, RDW test results are often used together with mean corpuscular volume (MCV) results to determine the possible causes of the anemia. It is mainly used to differentiate an anemia of mixed causes from an anemia of a single cause.

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Jun 25, 2019 · BACKGROUND: Red blood cell distribution width (RDW) is a risk factor related to adverse outcome in patients with heart failure (HF). Less is known about its influence in patients in their first hospitalization by HF. Aims: Our objective was to investigate the prognostic role of RDW in elderly patients firstly hospitalized for acute HF.  
Cited by: 5 Author: Marta Salvatori, Marta Salvatori, Frances...  
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**Red blood cell distribution width and cardiovascular diseases**  
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**Name of Journal:** *World Journal of Cardiology*  
**Manuscript NO:** 65348  
**Manuscript Type:** ORIGINAL ARTICLE

**Prospective Study**  
**Red Blood Cell Distribution Width in Elderly Hospitalized Patients with Cardiovascular Disease**

Andrew Xanthopoulos, Konstantinos Tryposkiadis, Apostolos Dimos, Angeliki Bourazana, Alexandros Zagouras, Nikolaos Iakovis, Michail Papamichalis, Grigorios Giamouzis, George Vassilopoulos, John Skoularigis, Filippos Triposkiadis

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Red blood cell distribution width (RDW) reflects erythrocyte size **distribution**, thus representing a reliable index of anisocytosis, widely used for the differential diagnosis of micro- and normocytic anaemias. Along with the large use in diagnostic hematology, RDW has been associated with presence a ...

Cited by: 15

Author: Cristiano Fava, Filippo Cattazzo, Zhi-De ...

Publish Year: 2019

### [Red blood cell distribution width is associated with ...](#)

<https://pubmed.ncbi.nlm.nih.gov/29133071>

Red blood cell distribution width is associated with mortality in **elderly patients** with sepsis. In our study, RDW was an independent predictor of in-hospital mortality in elderly patients with sepsis. For qSOFA scores <2, higher RDW levels were associated with poor prognosis.

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Author: An Yi Wang, Hon Ping Ma, Wei Fong Ka...

Publish Year: 2017

#### PEOPLE ALSO ASK

What is the red blood cell distribution width? ▾

How is the RDW of a red blood cell calculated? ▾

How is RDW related to morbidity and mortality? ▾

What causes RBC levels to be elevated or decreased? ▾

Feedback

### [\[PDF\] Red Blood Cell Distribution Width, Disease Severity, and ...](#)

<https://www.mdpi.com/2077-0383/10/2/286/pdf>

Jan 14, 2021 · Red Blood Cell Distribution Width, Disease Severity, and Mortality in Hospitalized Patients with SARS-CoV-2 Infection: A Systematic Review and Meta-Analysis Angelo Zinellu 1 and Arduino A. Mangoni 2,\* Citation: Zinellu, A.; Mangoni, A.A. Red Blood Cell Distribution Width,