

Renal arteries originate from the abdominal aorta in ~~in most the majority of~~ cases (99.1%) ~~the renal arteries originate from the abdominal aorta.~~ Accessory renal arteries usually arise from the aorta above or below the main renal artery and follow it to the renal hilum. At present Nowadays, there is no ~~common opinion consensus~~ on the cause of the emergence of accessory renal arteries. Felix described that in an 18-mm fetus, the developing mesonephros, metanephros, and ~~the~~ suprarenal glands are vascularized by nine pairs of arteries ~~that take~~ originating from the dorsal aorta ~~and that~~ can be divided into cranial (1st ~~and~~ 2nd), middle (3rd ~~to~~ -5th), and caudal (6th ~~to~~ -9th) arteries. Thus, failure to reduce the number of arteries results in accessory renal vessels. The incidence of accessory renal arteries ~~varies, is uneven~~ and it depends not only on the study method but also on other factors. Depending on the population, the incidence of accessory renal arteries ~~ranges~~ ~~occur~~ from 4% (Malaysia) to 61.5% (Brazil). Additionally, ~~the~~ incidence ~~also~~ can greatly be very vary iable in countries with ethnic ~~al~~ heterogeneity. The Republic of Moldova is a multinational country, ~~and which means that~~ the incidence frequency of occurrence of ~~the~~ accessory renal arteries widely can varies in wide ranges depending on ~~the~~ nationality. In Ukraine and Romania, ~~which are countries that are~~ geographically close to the Republic of Moldova—~~Ukraine and Romania,~~ the incidence of accessory renal arteries is 31.8% and 19.9%, respectively. According to previous ~~Based on the data from the literature,~~ more than one accessory renal artery is ~~a rare,~~ finding (~~according to~~ Jamkar et al. and coworkers in reported this variant on the left side in 3.77% of specimens ~~on the left side~~ and on the right side in 4.71% of specimens on the right side this variant was found). ~~Several authors consider that a~~ accessory renal arteries are considered to be more frequent ~~on from~~ the right side than ~~en on the from~~ the left side (p = 0.01). Usually, in this case, the diameter of the main renal artery ~~in this case~~ is smaller. ~~It should be noted, that~~ Notably, variants of developmental variants of the renal

**Comment [Editor1]:** In academic writing, information should be presented with accuracy and conciseness. In the given context, “the majority of” has been replaced with a more concise term, “most.” Other such examples include, replacement of “carried out” with “performed/conducted” or that of “looked into” with “investigated/examined.”

**Comment [A2]:** Information on accessory renal arteries has been added at this instance to introduce the term in a better manner considering its relevance in this study.

**Comment [A3]:** A hyphen is generally used when a number-unit adjective modifies a noun.

**Comment [A4]:** A comma is generally used after introductory terms such as *thus, therefore, hence, moreover, nevertheless*.

**Comment [A5]:** In academic writing, consistent terms should be used for ease of readability. In this document, the term “accessory renal arteries” is consistently used for improved reader comprehension.

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arteries, y in particular, ~~(in particular, accessory arteries)~~, are often associated with other developmental variants ~~iations~~ of vascular supply.

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