

In ~~most the majority of~~ cases (99.1%), the renal arteries originate from the abdominal aorta.

~~Nowadays~~ ~~At present~~, there is no common opinion on the cause of ~~the emergence of~~ accessory renal artery ~~emergence~~ies. 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 originate~~ 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 ~~does not~~ depends ~~not only~~ ~~solely~~ on the study method. Depending on the population, ~~the incidence of~~ accessory renal arteries ~~ranges occur~~ from 4% (Malaysia) to 61.5% (Brazil). The incidence ~~also~~ can ~~also~~ be very variable in countries with ethnic~~al~~ heterogeneity. The Republic of Moldova is a multinational country, which means that the

~~incidence frequency of occurrence of the~~ accessory renal arteries ~~can vary in a wide ranges~~ depending on ~~the~~ nationality. In countries that are geographically close to the Republic of Moldova, ~~namely~~ Ukraine and Romania, the incidence of accessory renal arteries is 31.8% and 19.9%, respectively. Based on ~~the~~ data from the literature, more than one accessory renal artery is a rare finding. ~~(A~~According to Jamkar ~~and coworkers et al., in this variant was found~~ ~~in~~ 3.77% of specimens on the left side and 4.71% ~~of specimens~~ on the right side ~~this variant was found~~). Several authors consider that accessory renal arteries are more frequent ~~on~~ from the right ~~side than on the from the~~ left side ( $p = 0.01$ ). Usually, the diameter of the main renal artery in this case is smaller. It should be noted, that ~~variants of~~ developmental ~~variants~~ of the renal arter~~ies~~, ~~in particular, accessory arteries~~, are often associated with other developmental ~~variants iations~~ of vascular supply.

**Comment [A1]:** 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 [Editor2]:** A hyphen is generally used when a number-unit adjective modifies a noun.

**Comment [A3]:** A comma is generally used after introductory terms such as *thus, therefore, hence, moreover, nevertheless*.

**Comment [A4]:** 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.