Errata for the paper entitled “Effects of Eccentric Impeller Position on Radial Passive Stability in a Magnetically Levitated Centrifugal Blood Pump with a Double Volute”

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Upon double-checking the experimental setup, the authors discovered that the impeller diameter and radial clearance of the prototype geometry used in the experiment were incorrect. The correct diameter and radial clearance of prototype geometry were 51 mm and 1.5 mm, respectively, although a diameter of 52 mm and radial clearance of 1.0 mm were described in the original paper and these dimensions were used in some calculations. However, inaccuracy in the description of the experimental setting does not affect the results of computational fluid dynamics (CFD) analysis. Thus, the conclusion of the original paper remains valid because the main discussion is based on the CFD results. Nevertheless, the following corrections should be noted to avoid misunderstanding and to maintain consistency in the original paper. Specifically, in Fig. 5 of the original version, the pressure heads calculated by CFD for the prototype geometry with an incorrect impeller diameter of 52 mm (radial clearance of 1.0 mm) were compared to the pressure heads obtained experimentally using the prototype geometry that actually had an impeller diameter of 51 mm (radial clearance of 1.5 mm). This figure has been amended [see Fig. 5 (corrected version)], in which the CFD-based pressure heads were calculated using the prototype geometry with an impeller diameter of 51 mm (radial clearance of 1.5 mm). Note that there is no significant difference between the original and corrected versions. Other corrections in the text are tabulated as follows:

Fig. 5 (corrected version)

<i>Page, section, line</i>	<i>Corrected points in original paper</i>	<i>Description of correction</i>
Page 64, section 2.1, paragraph 1, lines 11–12	“diameter of 52 mm”	“diameter of 51 mm”
Page 64, section 2.1, paragraph 1, line 13	Additional sentence before the last sentence	“The radial clearance was 1.5 mm.”
Page 65, section 2.2, paragraph 1, line 4	Additional sentences after the sentence, “The geometric features are listed in Table 1.”	“The outer diameter of the impeller was 52 mm for all geometries in the CFD analysis. A radial clearance of 1 mm was used in the CFD analysis of the prototype geometry to adjust the analysis setting to that of the H6DL series.”
Page 65, Table 1 heading	“for this study”	“for this CFD analysis”
Page 66, section 3.1, paragraph 1, lines 2–3	“Displacement of 1 mm”	“Displacement of 1.5 mm”
Page 66, section 3.2, paragraph 1, line 2	“the prototype geometry”	“the prototype geometry with an impeller diameter of 51 mm and a radial clearance of 1.5 mm”
Page 66, section 3.2, paragraph 1, line 4	“1.8% greater”	“3.7% smaller”