[0005]

[PTL 1] Japanese Patent Application Publidation No.2016-77450

[Summary of Invention]

[Technical Problem]

[0006]

However, the medical tube described in Patent Literature 1 does not consider ease of insertion into a body of a patient.

[0007]

An object of the present disclosure is to provide a light guide to be used for inserting a medical tube into a body for nasogastric tube feeding.

[Summary]

[0007a]

In an aspect, the present disclosure refers to a light guide to be used for inserting a medical tube into a body for nasogastric tube feeding, the light guide comprising:

a main body part configured to guide light entering a proximal end part of the main body part from a light source, to emit resultant light from a distal end part, wherein

the main body part includes, in a natural state in which no external force is received,

a linear part extending from the distal end part of the main body part and having a predetermined length, and

a curved part continuous with the linear part, the curved part having a predetermined curvature radius,

the linear part has the predetermined length in a range from 40 mm to 100 mm,

the curved part has the predetermined curvature radius in a range from 105 mm to 225 mm, and

when inserted into the medical tube, the light guide deforms a shape of the medical tube in accordance with a shape of the light guide.

[0007b] In an aspect, the present disclosure refers to a medical tube position confirmation system comprising:

a light source device;

a medical tube to be used for nasogastric tube feeding; and

a light guide configured to guide light from the light source device, the light guide being insertable into the medical tube, wherein

the light guide includes

a main body part configured to guide the light from the light source device entering a proximal end part of the main body part, to emit resultant light from a distal end part of the main body part,

the main body part includes

a linear part extending from the distal end part of the main body part and having a predetermined length, and

a curved part continuous with the linear part, the curved part having a predetermined curvature radius,

the linear part has the predetermined length in a range from 40 mm to 100 mm,

the curved part has the predetermined curvature radius in a range from 105 mm to 225 mm, and

when the light guide is inserted into the medical tube, a shape of the medical tube is deformed in accordance with a shape of the light guide.

[0008]

An example of the disclosure for achieving the aforementioned object is a light guide to be used for inserting

a medical tube into a body for nasogastric tube feeding, the light guide comprising: a main body part having a long length, the main body part being configured to guide light entering a proximal end part from a light source device, to emit resultant light from a distal end part, wherein the main body part includes a linear part having a predetermined length from the distal end part, and a curved part continuous with the linear part, the curved part having a predetermined curvature radius, the linear part has a length in a range of from 40 mm to 100 mm, and the curved part has a curvature radius in a range of from 105 mm to 225 mm. Other features of the disclosure are made clear by the following description and the drawings.

[Advantageous Effects of Invention]

[0009]

According to the present disclosure, it is possible to provide the light guide used to facilitate insertion of the