

### 1.16 Biostatistics Statement.

This work involves considerable descriptive statistics on the population of 32 patients reported since 1980 with giant gastric lipomas (e.g. mean patient age, mean maximal lipoma diameter, mean hemoglobin on admission, etc.). This work contains few (4) statistical comparisons, all of which are listed in Table2, including: continuous variables-2, and dichotomous variables-2. Dr. Cappell is an expert in biomedical statistics. Dr. Cappell has a Ph.D. as well as an M.D. His Ph.D. thesis included extensive mathematical modeling and sophisticated statistics of the biologic phenomenon of miniature end plate potentials as a non-homogeneous Poisson process [1,2].

This work is submitted as a systematic review. Dr. Cappell has extensive experience in designing, writing, and publishing systematic reviews. He has published two systematic reviews during the past 3 years including one published in World Journal of Hepatology [3,4], and has in press one additional systematic review [5]. He has published a statistically-based editorial on a paper published in 2017 in Gastroenterology [6]. The following list shows examples of systematic reviews or statistical analyses from Dr. Cappell's CV:

*Ph.D. Thesis by Dr. Cappell with mathematical modeling*

1. **Cappell MS.** The Motor Control of Feeding in Navanax, Ph.D. Thesis Dissertation, Albert Einstein College of Medicine, Bronx, New York, 1984.

*Paper based on Ph.D, thesis of Dr. Cappell with extensive mathematical analysis & sophisticated statistics*

2. **Cappell MS**, Spray DC, Bennett MV. Stationary and non-stationary occurrences of miniature end plate potentials are well described as stationary and non-stationary Poisson processes in the mollusc Navanax inermis. Brain Res 1988; 454(1):244-250 (**PMID: 3409008**).

*3-5 are recent systematic reviews published by Dr. Cappell*

3. Hakim S, Bortman J, Orosey M, **Cappell MS** (*Dr. Hakim and Dr. Cappell are equal primary authors*). Case report and systematic literature review of a novel etiology of sinistral portal hypertension presenting with UGI bleeding: Left gastric artery pseudoaneurysm compressing the splenic vein treated by embolization of the pseudoaneurysm. Medicine (Baltimore). 2017 Mar;96(13):e6413. doi: 10.1097/MD.00000000000006413. (**PMID: 28353569**).

4. Gjeorgjievski M, **Cappell MS** (*Drs. Gjeorgjievski and Cappell are equal authors*). Portal hypertensive gastropathy: A systematic review of the pathophysiology, clinical presentation,

natural history and therapy. World J Hepatol 2016 Feb 8; 8(4):231-262. doi: 10.4254/wjh.v8.i4.231. (PMID: 26855694).

5. Srinivas R. RamiReddy SR, **Cappell MS** (*Drs. Reddy and Cappell are equal, primary authors*). A systematic review of the clinical presentation, diagnosis, and treatment of small bowel obstruction. In press, Current Gastroenterology Reports as of 4/4/17 (Gast-D-17-00028).

*Recent editorial by Dr. Cappell with extensive analysis of statistical techniques of a paper published in Gastroenterology*

6. **Cappell MS**. Evaluating the safety of endoscopy during pregnancy: the robust statistical power vs limitations of a national registry study. Gastroenterology 2017; 152: 475-479. 2016 Dec 27. pii: S0016-5085(16)35527-5. doi: 10.1053/j.gastro.2016.12.014. (PMID: 28038928)