

Squamous Cell Carcinoma of The Larynx in a Developing Community



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Abstract

The larynx is a peculiarly sited organ whose squamous cell carcinomas have elicited attention in different parts of the world. Therefore, what obtains in a developing community is deemed to be worthy of documentation, the choice being the Ibo ethnic group in Nigeria.

Keywords: Larynx; Squamous cell carcinoma; Epidemiology; Worldwide; Developing community

Introduction

A search of the literature on laryngeal squamous cell carcinoma was made personally. In alphabetical order, interesting data appeared in China [1] France [2] Germany [3] India [4] Israel [5] Romania [6] Taiwan [7] Tunisia [8] Turkey [9] and USA [10]. Therefore, comparable data are obtained from the Ibo ethnic group [11]. which is domiciled in a developing community in South Eastern Nigeria.

Investigation

It was hypothesized in Birmingham (UK) that the establishment of a histopathology data pool facilitates epidemiological analysis [12]. Therefore, as the pioneer pathologist in such a pool founded at Enugu, erstwhile capital city of the Eastern Region of Nigeria, I was opportuned to examine biopsies taken from Ibo patients, especially as I insisted on formalin-fixation and accompaniment of interesting data. Moreover, since I kept a personal copy of all the results, the analyses were fruitful. Let the tabular form be used here with regard to cases of squamous cell carcinoma of the larynx.

Results

Discussion

What stands out above is the preponderance of old patients (Table 1), the youngest being only in the 3rd decade. Let me appeal

to the traffic in the reprint request (RR), seeing that an Editor in 1986 reported that I am “the only active researcher” that he had “traced in the RR area” [13]. In this context, the account from the famous Anderson Hospital and Tumor Institute, Houston, USA, was specific regarding squamous cell carcinoma of the larynx thus [14]: “This disease usually occurs in men between the ages of 50 to 70.” Indeed, most of the local patients were typical not only age-wise but also sex-wise. Little wonder that, from another giant Institution, namely, the Mayo Clinic and Mayo Foundation, Rochester, Minnesota [15]. a wide consultation was published concerning a 60-year-old man “with a squamous cell carcinoma of the larynx.” Now, back to Internet sources, the Chinese paper emphasized “partial laryngectomy for the treatment of squamous cell carcinoma of the larynx” [1]. Therefore, it is of interest that one of the local patients underwent it successfully. Odd presentations are noteworthy. The German case arose “in multifocal pharyngolaryngeal oncotic papillary cystadenoma” [3]. As for the Indian [4] the spindle cell carcinoma was “a more aggressive variant of the commonly occurring squamous cell carcinoma.” The basaloid type appeared in Romania [6] and Turkey [9]. The association with chronic lymphoid leukemia manifested in Tunisia [8] while USA came up with the papillary form which “has emerged as a distinct entity from the more common keratinizing squamous cell carcinoma” [10].

Table 1: Epidemiological Data on Squamous Cell Carcinoma of The Larynx.

No	Initials	Age	Sex	Doctor	Provisional diagnosis	Measurements
1	EM	50	F	Obiakor	Tumor type?	Fragments
2	NO	40	M	Anyaeqbuna	Cancer	2 cm
3	MF	25	F	Okafor	Carcinoma	Fragments
4	UW	65	M	Ezeanolue	Cancer	Fragments
5	OU	65	M	Anyaeqbuna	Cancer	Fragments

6	OE	70	M	Anyaegbuna	Cancer	Fragments
7	OM	60	M	Okafor	Cancer	Fragments
8	OV	70	M	Udekwo	Squamous cancer	Laryngectomy

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