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A HALF-YEARLY REVIEW OF THANGLETION STOOL

VOL. 18, NO. 1-2, VAN-DIEC 2008

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Haipree Kaur Bahri Deepinder Singh Baint

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Founder Editor

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VOL. 18 (A Half-yearly Review of Translation Studies) NO. 1 & 2

Ujjal Singh Bahri Founder Editor

Harpreet Kaur Bahri Deepinder Singh Bahri Editors

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JAN-DEC 2006

-72

INTERNATIONAL JOURNAL OF TRANLATION

Vol. 18

No. 1 & 2

Jan-Dec 2006

International Journal of Translation - IJT, is a peer-reviewed

The views expressed herein are those of the authors. *International Journal of Translation* reserves the right to edit the material.

and July every year.

International Journal that has been publishing original research papers devoted to Translation Studies, since 1989. It is published in January

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Harpreet Kaur Bahri Deepinder Singh Bahri Subscription: India: Rs. 500

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Printed & Published by Deepinder Singh Bahri, for and on behalf of BAHRI PUBLICATIONS, New Delhi.

UPAKARAM GOPAL

MD. ABDUL MUQSIT KHAN

INTERNATIONAL JOURNAL OF TRANSLATION

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Medical Terminology and Medical Dictionaries

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ABSTRACT

This paper mainly deals with the correlation between medical translation and translation-oriented theories. Accordingly, it aims at illuminating both professionals and trainees in what way translation-oriented theories help to improve the quality of domain specific translations, and what terminological barriers are waiting for them in medical translation. Therefore, it, on the one hand, addresses amateurish translators who can not bridge the gap between theory and practice: on the other hand, it concerns the professional linguists who are equipped with terminological jargon, but deprived of translation competence. Relatedly, it first identifies the position of medical translation in the light of translation-oriented theories; next, a micro-scale corpus based model is developed to question the conventional outlook which limits medical translation with terminological knowledge.

Key words: Text Typology, Medical Terminology, Corpus-based Model Comparative Analysis, Translation Procedure

Medical Translation and Terminological Problems - Introductory Remarks

Translation Studies as an interdisciplinary field cannot isolate itself from other disciplines. However, as an independent field it should approach other disciplines in the light of theories posed by the translation studies itself. In other terms, it is only when it achieves to contribute to other fields, can it be claimed that it fulfills its function in scientific arena. Yet, it is not as easy as it looks. There are two reasons for it: theorists as well as practitioners can not set up correlations between theories and practice; next, the researcher may be influenced by the established misconception of translation as a secondary activity and would rather remain silent and accept the hegemony of other fields

even in linguistic issues related with translation. It may arise from the academic identity of translators in the past, when translations have played a great role in importing domain specific knowledge. Therefore, the line between original and translation may have appeared a little fuzzy. However, today in face of huge amount of knowledge accumulating in the field, academicians cannot be expected to act as translators as it used to be before and after the foundation years of

Under these circumstances, it is not the academicians, but the translators who should assume the task of professional translators. On the other hand, a professional translator cannot be expected to specialize in the field of medicine. What he/she should do is developing such research methods and making use of such translation tools as to serve for professional ends. Although a translator can obtain most of the knowledge from intratextual research, most of the problems arise from discrepancies between terminological dictionaries, which puts the translator in a secondary position in comparison with professionals.

can be extended in such a way as to concern terminological dictionaries bridge the gap between theoretical knowledge acquired from translation problems of translators. The model is developed in such a way as to medical dictionaries is launched to shed light on terminological operational phase and evaluation phase respectively. The main but also at enhancing translation competence of trainees. Accordingly, the utility of medical dictionaries from the point of amateur translators, in other fields. Therefore, the case study aims at not only evaluating theories and the medical dictionaries in translation market. However, it researchers; whereas, operational phase is directly related with the in initial phase, which may also serve as a bibliographical data for bibliographical parameters of the research are discussed and identified "comparative analysis". It is composed of three phases: initial phase, it sets out from descriptive theory of Gideon Toury, which is based on choice of terms considering the "partial" and "comparative" nature of disclose the way Turkish scientific tradition adopted in loaning foreign descriptive studies. In the last phase, called evaluation, data obtained from the research are discussed in such a way as to rationalize and fields, with terminological knowledge. limits medical translation, or in broader terms translations in specific terms, which would also question the conventional outlook which It is with these concerns, a micro-scale corpus-based study on

translations like that will fall short of the expectations of the readers in texts without any regard for target text addressee. This will cause a dilemma translations which can only fulfill the metatextual function of documentary cultures and text type conventions make the task of translators difficult to can not thought to be limited with direct transfer of knowledge, or with Since medicine is a field related with application, translation in this field terms of putting transferred knowledge into practice; they just act as between the practical side of the field and translation, since medical texts. In this case most of the translations will result in source-oriented provide the same communicative interaction in translations as in source terminological knowledge. However, differences between the languages, and conventions of text-type (Pileegard 1997: 159-184). From this point of pragmatic ends as non-translated texts do. To achieve this end, translator language and culture. This comes to mean that they serve the same translators should question the functionality of medical texts in target documents isolated from the field of application. It is for this reason that of documentary translation which fulfills nothing more than metatextual of text-types, medical translation can not be confined to serve for the ends reports, popular medical text, encyclopedic texts, brochures, prospectuses, medicine, namely; reports, medical research papers, disease reviews, view, functional theories help us see the wide range of text-types in inescapably use reader-oriented strategies to cover target culture norms phatic function with regard to the text types mentioned above. In this function in target culture. If this classification is to be made in the light of medical dictionaries, manuals and prescriptions. Within this wide spectrum case, as opposed to the procedures applied in documentary translation as medicine are included in instrumental translations in terms of their function. functional theory posed by Christiana Nord, translated texts in the field of translation. That is to say, the translator should consider the information interlinear, word-for word or philologic translation, the translator has to In other terms, they should fullfill referential, expressive, appellative and Nord calls "equifunctional translation" (Nord 1997: 43-66) referential, expressive, appellative functions of the source texts, which load and functional side of medical texts in such a way as to retain the focus on register, the constituents of which are field, mode and tenor of

However, according to "Skopos Theory" it should be borne in mind that the main determinant of text type is the *skopos* of translation task. In other words, it is up to the terms of agreement between the commissioner

poses drawbacks from the point of Translation Studies: classification is consistent with the standards set but translation market, it called professional (e.g. Leismaniasis, avian flu or rubella); Lastly, if the standards of translation market. It may be for this reason that Newmark are specialists in their own field of study, but not in translation studies as experts in this field of specialty. In this case, professional linguists who specific translation are binding factors for professional translators to act flu or German measles) (Newmark 1988: 152-153). Although this way of term is culture specific, the text is called popular (e.g. oriental sore, bird's (e.g. Furunculus orientalis), if terms are professionally used, the text is terms in the text are from Latin or Greek origin, the text is called academic in technical language as well as in medical language as a sub-field technical bases text-typology on the use of medical terminology (Vermeer 1996: 11. take the place of professional translators as experts, and determine the information load in medical texts and the established notion of domain social, spatial and temporal relationship between the language users change his strategy (field/domain)2, and may use less professional jargon strategies (mode). If a translator translates a domain specific article to be language into three groups: academic, professional and popular. If the (professionals, translators and readers) and language use. However, the than in medical Journals. That is to say, translator as an expert decides the issued in a popular magazine or in a medical text book, he/she has to the medium of translation has an effect on the translator to employ different doctors, or from the formal tone of research paper language (tenor). Similarly, between the doctor and patient differs from the language between the register according to the skopos of translation. For example, language 16). Accordingly, Newmark makes such a taxonomy to classify text types functionality, only if the translator manages to employ the appropriate on constitutive elements of translation. Accordingly, translations assume and translator. It is only after such an agreement that translator can decide

words, it means toning down such a complex process as translation to related with terminological knowledge, which would reduce Newmark has based his classification on lexical knowledge, yet he misconception that professionalism of translators in specific fields is terminological knowledge. This may arise from the widespread is related with tenor of translation, such a classification is limited with with translation oriented text analysis. Although terminological jargon professionalism of translators to terminological knowledge; in other has set up correlation neither with text-type specific text analysis, nor

> course, source-orientedness may be a goal in itself, but we can not range of text types and the pragmatic function of translations in the limit medical texts with only referential function considering the wide result in an incline in the number of source-oriented translations. Of only from the pole of source text, then he has touched on the 'particular only with semantic translation. In other words, he analyzes the text medical translation that he has assumed such a micro-scale translationa communicative translation (Newmark 1988: 20). It is especially in he has suggested in the beginning of his book, namely: semantic and just a mechanic operation of transferring as opposed to two procedures problems' related with medical terminology (Newmark 1988: 234-259) literature and political sciences, he has limited medical translation both semantic and communicative versions in the fields of economics, behavior as opposed to other specific fields. Although he has given Identifying the skopos and translational problems on source-text wil

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Lastly, classifying text-type in terms of terminology in the same way

w standards. For example, most of the terms used in academic translation one of the basic missions of translation is to disclose the richness of of translation studies. According to the recent target-oriented theories, as the professionals do may also lead to the questioning of the mission world has led different cultures to agree on universally accepted different languages and cultures. However, globalization trends in the

accumulated knowledge in the field (e.g. Cancer, AIDS); In other words, are directly transferred to target language in face of rapid pace of which reflect the cultural, literary and linguistic identity of countries. daily language; however, it starts to eliminate textual conventions it has helped to bridge the gap between professional, academic and to the dissemination of knowledge throughout the world, and thereby medical terminology. On the one hand, globalization has contributed terms by the help of modern technology, they have caused a chaos in while information age and globalization facilitate the influx of foreign American convention is taken as a model for textual features Consequently, lexical gaps (barriers) caused by different users of begin to overlook the textual features of medical translations. This language (tenor) have narrowed down to such an extent that translators factors for the sake of retrieval of knowledge. As a result, Anglo-Undoubtedly, it results in disregarding the cultural and linguistic textual features inescapably direct the focus of translators on terminology in place of

It is for this reason that a micro-scale corpus based model on medical dictionaries is developed to illuminate the chaos experienced in medical language, and shed a light on the inescapability of cooperation between the professional linguists and translators.

A CORPUS-BASED MODEL ON MEDICAL DICTIONARIES

Method

entries to set the correlation between the bulkiness of dictionaries and consideration for the indirect and partial aspect of empirical research. The consensus on cooperation between the professionals and translators (Toury selected in such a way as to set up correlation not only between functional amateurish translators and professional linguists. Therefore, the terms are outlook on medical terminology so as to raise both the awareness of information load; whereas the second part is related with translation-oriented model is composed of two parts. The first part is related with bibliographical randomized method has been used in the election of dictionaries in by Gideon Toury in his "target-oriented translation theory". Therefore, a obtain sound data from algorithmic tables below. Within the light of this of this paper, the field of the corpus-based model is narrowed down to serve for the ends of translation-oriented text analysis by adding two of their dictionaries in the act of translation. From this point of view it car study provides students with the opportunity of assessing the reliability two advantages; first, these dictionaries are easy for access; next, such a words, it studies dictionaries which are issued in the same period. It has three popular medical dictionaries in the market as objects of study: in other the relationship between textual features and terminology. The data obtained theories of translation and domain specific knowledge, but also to disclose way of reasoning, the corpus-based model starts with "the preliminary variables; namely, genre and goal of translation. However, within the limits be claimed to be a simultaneous research. However, the model can also 1995: 34-35). This study on the model is "retrospective", since it studies from case study are subjected to "comparative analysis" to reach a The micro-scale corpus study is based on "comparative analysis" as posed

"The medical dictionaries are exhaustive and reliable enough to overcome lexical barriers of professional translators"

In other words, in this corpus study, the correlation between the size and coverage is tested to asses the reliability of dictionaries from the point of

trainees who have a recourse to medical dictionaries without questioning them from the point of textual conventions of target language. In fact, the role of terminological knowledge can not be denied in terms of its determinant role on the register from the point of domain specific text conventions. It may be lack of this piece knowledge on the part of the amateurish translators that cause them to fail in domain specific translation. As a result, the following model is developed to help trainees gain consciousness in medical translation.

Phase 1: Basic Bibliographical Entries

considering the qualifications and the information level of the recorders. testified by numerical data. In some cases, ambiguous options are omitted defined as something that change within a given range of options, or and reliability of dictionaries. Therefore, first variables are identified and knowledge on translation studies to test the correlation between the size bibliographical entries. The second part is related with the presupposed related values are discussed in the light of linguistic theories of translation namely at textual level. It is for this purpose that all the variables and the the related terminology on translational procedures is beyond word level experienced in the field of translation studies in itself. For example, most of accurate names of variables and values because of the terminological chaos translation, but it sometimes takes a long time to reach a consensus on the The following variables and values are considered universals of deliberately to obtain true and systematic information from the records arranged in such an algorithmic flow to provide correct entries to be values (Williams & Chesterman 2002: 83-101). Accordingly, they are The model is divided into two parts. The first part covers data related with As a result, the following table has come into being:

Appendices It	Number of Pages Nu	Language Gi mo	Place/Name of Publishing House Place	Year Ye	Source Th	Author	
It covers introduction, appendices on prefixes or suffixes, notes on medical	Numerical data	Gives information whether it is a monolingual or bilingual dictionary	Place and name of publishing house	Year of publication	The name of the source	The author of the dictionary	

Number of Edition	Field of effect	Addressee	Identity of the Editorial Board	Editorial Board	- mak		Identity of the author
The number of editions	Values: Academic, professional, General	Values: Students, professionals, academicians	Values: linguists, academicians, professionals, or mixed	Values: Existent/non-existent	Values: Layman, academician, professional	to observe its consistency with the above- mentioned variables.	It is related with the identity of the author

Table 1. Bibliographical Entries and Variables

According to this table, the exhaustiveness of dictionaries are determined by such factors as: the size (the number of pages), the existence of appendices, the number of editions, both the identity of the author and the editorial board and lastly the credibility of the publishing houses. The term "exhaustiveness" in the first phase covers two concepts, namely; bulkiness and popularity. Therefore, while the first three sub-meters are related with the size, the next three sub-meters reflect the criteria for reliability. The data obtained from this table can be called the discovery procedures, since the second part of the model is arranged in such a way as to justify or falsify the findings in the first part.

Phase 2: Operational Phase

In consideration for "the partial" and "indirect" nature of empirical study, standards are set to direct the course and coverage of research. Besides, there are some constraints arising from situational conditions related with the qualifications of the researchers and coverage of corpus study. Accordingly, we can list main constraints as coverage, duration, languages and external access to the dictionaries. Since measure of reliability is the most important factor in the study, we limit it with "English-Turkish" or "Turkish-English" dictionaries. Next, comes the issue of "coverage". Since all of the terms can not be studied in a give time, it is decided to base the study on the textual classification Newmark has made for technical texts. In other words, the presupposed knowledge on translation studies helps us to demarcate the borders of corpus study. From this piece of knowledge, two variables, which are the main constituents to direct the course of the study, are inserted, namely: "type of the term" and "translation procedure".

In other words, both variables are the "functors" to set up the relation between the bulkiness and reliability of dictionaries. Accordingly, the researchers presupposed theoretical knowledge help to deduce the type and translation procedure from Turkish equivalents in the dictionary, which is also consistent with the main principle of "target-oriented" theories in terms of concentrating the study on the translated version of terms. This comes to mean that the data obtained from the terms will not only disclose the correlation between type and procedure, but also submit data on features of medical dictionaries in Turkey. Accordingly, the values of the type of the term are listed as: eponyms, register mismatched terms, loan terms, collocations, culture specific terms, neologisms, acronyms, established terms; whereas on the scale of procedures there are such values as explanation, derivation, naturalization, direct transfer, modulation (Newmark 1988: 151-161).

Type of Terms as Parameters

will help to yield accurate data from the model study. Accordingly, a standard bilingual dictionary. For example, the term "verem" (tuberculosis) and academic terms. Explanation is the definition of the term, therefore it mismatched terms as meadow dermatitis (colloquial) + (academic), avian collocations in the form of compound terms as in lockjaw, bird's flu put into practice. At this stage, revising concepts of translation studies It is only after the standards of variables are determined can this model be other words, the term is adapted to the phonetics of target language as or calque4 is a common translation procedure in the translation of of pandemics or new diseases such as mad cow disease, bird's flu. Loaning, term, or an established term which gains new sense. The number of also by ordinary people. Whereas neologism can be defined as a new is a commonly acknowledged term shared not only by professionals, but translation. As for established and culture specific terms, there is no need translation procedure in dictionaries inspite of its drawbacks in terms of can not be used as a translation procedure although it is a widespread flu" etc.; eponyms as Oppenheim disease, Parkinson disease, or register acronyms as BCG, CA, SARS, neologisms as "arrest" in Cardiology, "bird words" that go through an orthographic shift is called "naturalization". In neologisms. However, the procedure applied in the translation of the "loan neologisms are high in medical terminology as a result of recent outbreaks for a special translation procedure since one can find up its equivalent in (fowl) disease (academic + colloquial) which consist of both colloquial

opposed to "direct transfer" where there is neither phonetic nor semantic equivalent as a culture specific term is in the same field as the original term shifts in the process of transfer. It is a valid procedure generally in the standard language to professional language, whereas the second one dictionary gives Turkish equivalent of lockjaw both as "tetanoz" result in shift in the field of effect. For example, in the sample study below, through changes in two ways: semantic or syntactic shift, which would language is deprived of its equivalent. In "modulation", the term may go translation of both eponyms and, in most cases, of acronyms, if target setting up the relations between tenor and mode in the text. Moreover, the "field of effect" which can be related to the notion of reliability as well as questionings on the choice of terms brings forth one more variable as of the term, which may be correlated to his linguist identity. All these say, it comes to mean that the author ignores the professional equivalent "tetanus" except for the note inserted as "see entry lockjaw". That is to Moreover, the same author gives no Turkish equivalent for the term is to say, the first equivalent of the term has changed its field of effect from coverage of the term which, in a way, related with the size of dictionaries variable "the number of key words" will also give us information about the the functionality of the text when considered the importance domain in [Literally, tetanoz], and as "kazýklý humma" [Literally, staked fever]. That procedures: In the light of these deductions, the following table appears as justification

Medical Term	
Origin	Values: Latin, Greek, French, English,
Subfield of term	Values: cardiology, dermatology, oncology etc.
Turkish Equivalent	
Definition	Values: Existent/non-existent
Type of the term	Values: Eponym - register mismatched term - culture specific term - acronym - collocation - neologism - loan word
Procedure.	Values: explanation - calque - naturalization - direct transfer - modulation
Field of effect (term)	Values: Professional-standard language
Number of Key Words	The number of the related words sheds light on the coverage of the dictionary

Table 2. Content analysis

In the light of this way of reasoning, the borders of mini corpus-based model is narrowed down to seven terms and three professional terms are coupled with their colloquial equivalents, except for the term "arrest":

"lockjaw-tetanus"

"Oppenheim disease-meadow dermatitis"

"bird's flue-Avian disease"

"tuberculosis-BCG"

Phase 3: Comparative Analysis and Evaluation of the Data Since knowledge of specialty in such a comprehensive field as medicine can not be acquired in a limited span of time without the supervision of a professional, the model aims at not teaching professional jargon, but raising awareness of trainees when/how to ask and make use of professional support in setting up correlations between the addressee, text type and domain. Within the framework of the paper, the following table may indicate in what way the study proceeds:

	Dictionary A	Dictionary B	Dictionary C
Source Name	Tip	Açıklamalı Tıp Terimleri Büyük	Bûyük Tıp
	Sözlüğü[Explanotary Sözlüğü	[Ex	
	Medical Dictionary] Medical Dictionary]	Medical Dictionary]	[Grand · Medical
	A		Dictionary]
Year	1997 .	2000	2003
Place/Name of	of ABC Kitabevi	Kitabevi Gaye Matbaacılık / Ankara	Nobel Tin
Publishing House	A.Ş./İstanbul		Υ.
Number of Pages	923	977	975
Appendices	Medical	Medical Abbreviations, non-existent	non-existent
	Abbreviations,	Acronyms in prescriptions,	
	Conversion Tables	suffix/prefixes and sources	
Number of Edition 8		9	1
Addressee	Students of medicine	Students of medicine Professionals + Students of Professionals	Professionals +
		medicine	Students of
			medicine
Author	Pars Tuğlacı	Prof. Dr. Utkan Kocatürk	Prof. Dr. Ismail
			Dökmeci
Identity	Linguist & Writer	Academician	Academician
Editorial Board	1		Existant
Identity of Editorial			Academician +
Board	1		professional

1.Term	Tuberculosis	Tuberculosis	Tuberculosis
Origin	no record	Latin	Latin
Subfield	no record	no record	no record
Turkish equivalent Verem, tüberküloz	Verem, tüberküloz	Verem, tüberküloz, ince	ince Tüberküloz
return		hastalık	
Definition	no record	Existant	existant
Type of Term	Established term +	term + Estabished term + loan	loan Loan term
	loan word	word + culture specific term	
Procedure	+ naturalization	+ naturalization +	+ + naturalization
2007 Pilotano 2004 Wagana		modulation	
Field of effect (1)	professional+academ	Field of effect (1) professional+academ professional+academic	professional+ac
	ic		ademic
Number of Key 9	6	33	5
Words			

Table 3. A. Sample from Initial Data

The following correlations are set up between bibliographical entries and terms in "comparative analysis" to question the coverage of dictionaries:

- 1. Such variables in the first table as the number of key words the number of pages the number of editions are intertwined with each other in such a way to give information about the size of dictionary which will also help to obtain numerical data from the model. The entries related with preliminary phase are related with the size of the dictionaries; whereas, the number of key words are related with the coverage of the dictionaries. Therefore, the number of entries and keywords and testify the relationship between the size and coverage.
- Such variables as origin, type of the word, procedure, field of effect, identity of the author number of editions aim at assessing the coverage of dictionaries both in terms of size and content. In a way, they help to subject dictionaries to microscopic observation. For example, seeing the correlation between the origin and academic equivalent of the term, the trainees should distinguish more easily the academic/or professional language from the standard language. At least, this would remind them to question the fields of effect in terms of medical language use. Similarly, at the end of the research the number of eponyms, neologisms and acronyms in medical language may lead trainees to reach such a conclusion as direct transfer, naturalization that are widespread

procedures in medical translation. Or they may be aware of the indispensability of professional support as well as extra research as opposed to their past experiences limited with medical dictionaries. These variables in the "operational phase" will also give clues on relation between the identity of the authors and their capacity in language use even if they were not professionals. The number of editions can also be illuminating as an evidence of author's linguistic as well as translation competence: however it is the translation-oriented content analysis in the second part of the study that will reveal to what extent they are related with each other. In other words, the data obtained from the variables such as type of the word, procedure, field of effect and the correlations set up between them will verify or falsify the relation between the number of edition and coverage.

On the other hand, if the number of definitions are higher than lexical equivalents of the terms, it comes to mean that dictionary addresses only to students to obtain information, but not to translators. Although definition can be evaluated as a translation procedure in terms of explanation and is legitimate as translation procedure only when necessary, it can not help to serve for the ends of translation except for acquiring encyclopedic information as well as providing easy internal access to information.

CONCLUDING REMARKS

Subsequently such conclusions can be drawn based on the comparative analysis between the variables:

without the supervision of editorial board. Although studies in exhaustive fields require an editorial board which is composed of professionals and linguists. For example although "naturalization" is a common procedure in medical translation, the discrepancy in orthographic rules cause chaos not only amongst professionals, but also between the dictionaries. For example, in Turkish the suffix is is omitted in tuberculosis whereas in the term Carcinomatosis the suffix remains as it is in the original. Even this small example denotes that there is not a consensus neither on the part of the linguists nor on the part of the boards of the nomenclature (Ertem 1998: 1-50). It even appears in our microscale case study, the term tetanus is entered in Dictionary A as "Tetanosis". These may seem to

be trivial problems, but when it is considered that medical jargon is composed of large number of eponyms, acronyms, terms of Greek or Latin origin, they really pose a great problem.

numerical results obtained from 66 entries are as follows, editions. However, it even can not keep pace with neologisms as in amateurs in terms of the high number of entries without any skills bridge the gap between professional and amateurish readers. although the author is professional, his highly developed linguistic effective in the popularity of dictionary. Whereas, in dictionary B is popular in the market. It shows that not only professional number of entries is not always related with quality in dictionaries. the example of "bird flu", or "avian disease". In conclusion the only by the number of key words, but also by the number of definitions. From the data, it can be concluded that dictionary B In dictionary C, we see that it addresses more professionals than terminology, but also knowledge of language use and user is lower than Dictionary B and C, the number of editions discloses it Dictionary C. Although the number of entries in dictionary A are respectively: 25 for Dictionary A; 34 for Dictionary B; 36 for These conclusions can also be expanded by the numerical data. The best serves the ends of translational purposes, it can be verified not

inserted in the records to raise translational competence of trainees with them if they want medical translations gain such a degree of professionals, instead of ignoring translators, they should cooperate contrary, they should themselves ask the supervision of a knowledge, which determines the register of the translation. On the denying the importance of domain specific presupposed knowledge is burdensome and redundant, and gain confidence in so that they can unite theoretical knowledge with application. By such as type of the term and procedure have been deliberately medical translation. It is for this reason that two deductive variables conducted in a class of senior students to raise their awareness in functionality as to raise the number of health conscious people in professional while accepting the translation task. On the side of the domain specific translation. However, it does not come to mean this way, they may save from the misconception that theoretica With the above-mentioned concerns, this sample study has been

In conclusion, although at first sight such a sample study may reflect a micro-scale outlook, an in-depth study of the variables and the

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correlations set up between them discloses the inescapable collaboration between the professionals and translators. Such a cooperation will not only increase the flow of information, but will also raise the quality and functionality of the translated texts in the market. Whereas, from the point of translation studies, developing such models from the facts of translation will not only consolidate the foundations of translation studies, but will also raise its status amongst other sciences.

NoT

 Nord divides instrumental translation into three groups, namely: heterofunctional translations, homologous translations and equifunctional translation.

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- The "domain" (field) is related with the content of translation: general or specialist field; the mode is related with the written or spoken form of translation; whereas, the tenor is the language used according to the hierarchical relationship between the author, thereby between the translator and reader/listener.
- The former covers such values as dictionary, textbook, compiled work, brochure, prescription, pamphlet, brochure, monograph; whereas the later is related with goals of both source text and translation. The values can be listed as terminological, academic, informative, instructive, commercial. Of course, the same values are valid for translated texts, especially if the translator intends to alter the function of translation as a result of the agreement he/she reaches with the commissioner.
- Calque is a translation procedure where the meaning of terms are directly translated.

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Obstacles to Machine Translation

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ABSTRACT

remains undiscovered. We conclude that due to the context-sensitive translator for the entire universe of discourse of the usages of a language treatment in machine translation. We believe that the obstacles presented unadressed by the NLP community. Identifying these is a crucial step atypical of traditional usage in terms of semantics or syntax and are left we present some of such specialized linguistic constructs which are often lacks equivalent linguistic constructs and structures to what a stand as obstacles because the object language of interest in translation are obstacles to interlingual translation are investigated. Often, these amongst the natural language processing community over the years. In nature of the usage of the language, it is not possible to develop a here are incomplete and a part of a much bigger set of obstacles, which We take each of these and explain why and how they require a special forward to addressing how to handle the machine translation problems source language for interlingual translation may have. In this paper, this paper, some specialized linguistic constructs and structures that Interlingual translation has emerged as a prominent area of research

system. Speech, Rhetorical Question, Loaded Question, Machine Translation (MT) Key words: Linguistic Schizophrenia (LS), Idioms and Phrases, Figures of