

**SUPERIOR UNIVERSITY**

TECHNICAL & BUSINESS WRITING

**ASSIGNMENT # 3**

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**A Targeted Screening Program for Renal Cancer**

Introduction:

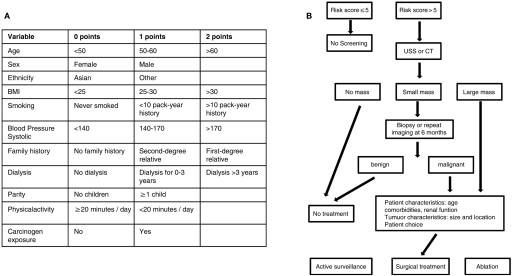
Renal cancer kills over 26,000 people per year in Europe and 13,000 in the United States, and many people in Pakistan also suffer from this disease. If identified before metastatic spread, kidney cancer is usually surgically curable, whereas the median survival with cancer is only 2 years. Turney et al. proposed in 2006 that a screening program using ultrasound could have a major impact on renal cancer mortality, and that the treatment of renal masses would not be of net benefit in older populations. In the past 7 years, however, the natural history and epidemiology of renal cancer have become much clearer. Moreover, nephron-sparing surgery and minimally invasive ablation are now better established, changing the cost-benefit ratio for treatment in older populations. These developments mean that a targeted renal cancer screening program is now a real option. The evidence for such a screening program is presented in three parts: first, an update on the natural history and risk factors; second, a calculation of the benefits and harms of screening in different populations, and third, lessons from other cancer screening programs. Finally, a clinical algorithm to aid with screening and treatment choices is presented.

RESEARCH QUESTIONS:

* What type of kidney cancer people have?
* What Causes Kidney Cancer?
* Where is the cancer located?
* What are my [treatment options](https://www.cancer.org/cancer/kidney-cancer/treating.html)?
* How will we know if the treatment is working?

RESEARCH METHODOLOGY:

To fulfill my research goals, I used various sources like surveys, journals, online articles, researches, Documents and many more. All these helped me a lot to accomplish my research requirements.



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