

PDCA 在 24 小时尿蛋白定量留取中的应用

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【摘 要】：目的：探究分析持续质量改进在 24 小时尿蛋白定量标本采集管理中的应用。方法：选取于 2021 年 1 月至 2021 年 10 月，我院 100 例患者的 24 小时尿标本为本次研究对象。根据患者的入院序列数为基础，采用随机数字分组的方式，将 100 例患者随机分为对照组以及观察组。对照组采用常规采集管理模式进行干预；观察组采用持续质量改进采集管理模式进行干预。对比分析对照组以及观察组的标本污染情况、尿总量错误情况、化验项目错误情况以及重留情况。结果：经管理干预后，观察组在标本污染情况、尿总量错误情况、化验项目错误情况以及重留情况方面明显优于对照组，其中 ($P < 0.05$)，差异具有统计学意义。结论：在 24 小时尿蛋白定量标本采集管理过程中，采用持续质量改进采集管理模式进行干预，能够有效改善标本污染情况、尿总量错误情况、化验项目错误情况以及重留情况，在实际应用的过程中具有优良的效果，值得进一步的推广与应用。

【关键词】：持续质量改进；24 小时尿蛋白定量标本采集管理；标本污染情况；尿总量错误情况；化验项目错误情况；重留情况

Application of PDCA in 24-hour Urinary Protein Quantification

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Abstract: Objective: To explore and analyze the application of continuous quality improvement in the collection and management of 24-hour urine protein quantitative samples. Methods: The 24-hour urine samples of 100 patients in our hospital from January 2021 to October 2021 were selected for this study. Based on the number of admission sequences of patients, 100 patients were randomly divided into control group and observation group by random number grouping. The control group was intervened with conventional collection management mode; The observation group used the continuous quality improvement collection management mode for intervention. The sample contamination, total urine error, test item error and retention in the control group and the observation group were compared and analyzed. Results: After management intervention, the observation group was significantly better than the control group in terms of sample contamination, total urine error, laboratory item error and retention, among which ($P < 0.05$), the difference was statistically significant. Conclusion: In the process of collection and management of 24-hour urine protein quantitative samples, the continuous quality improvement collection and management mode can effectively improve the sample pollution, total urine error, test item error and retention. It has excellent effect in the actual application process and is worth further promotion and application.

Keywords: Continuous quality improvement; Collection and management of 24-hour urine protein quantitative specimens; Specimen contamination; Total urine volume errors; Test item error; Heavy leave situation

前言

24

24

[3-4]

24

[1-2]

[5-6] 234 24
2021 1
2021 10 100 24
24

1 资料与方法

1.1

2021 1 2021 10 100
24
100
50
26 24 19-69
36.43 ± 2.11
50 27 23
20-69 36.50 ± 2.32
P

0.05

1.2

1.2.1

1.2.2

7

24

PPT

a.

24

24

24

24

PPT

b.

c.

1.3

24

1.4

SPSS17.0

χ^2

%

$P < 0.05$

2 结果

$P = 0.05$

16

3

$\chi^2 = 10.981$ $P = 0.001$

7

1

$\chi^2 = 4.891$ $P = 0.027$

12

$\chi^2 = 4.762$ $P = 0.029$

5

0

$\chi^2 = 5.263$ $P = 0.022$

3 讨论

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