临床医学研究: 2022 年 4 卷 7 期
ISSN: 2705-0939(Print); 2705-0475 (Online)

Excel 表在援外医院药品精细化管理中应用

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摘 要：目的：卹忖佢刂 Excel 彙她巡严嬝墠孳寔响辱㊦ナ伉厪侠㈣夔┫ 巡严孤宋屾嬝墠关黭⇑ 方法：ㄴ黭 Excel 彙她尸同㊦ Visual Basic 关黭婺节暨Visual Basic Application, VBA暩磐ㄇ× ㄒ 巡严嬝墠孳寔ソ 磐 ｜夕禿⇐丅禿⇐怫ㄠ⇐勹巡⇐懂拈偊呼怋⇐巡严乙儷呼怋⇐叼咱嬝墠嫽俜墙崙孤宋屾嬝墠厪侠㈣夔巡严⇑ 结果：佢刂 Excel 彙巡严嬝墠孳寔ㄇ× 嫸㈦⇐叡× 傢呋⇐勵夕傥磐偏墇┓ 厪侠㈣夔巡严嬝墠她孤宋屾⇐同偉屾⇐同卤屾磐循巃屾磐佼彙┓ 厪侠巡严嬝墠媸奶磐励叼呜帡⇑ 结论：佢刂 Excel 彙她巡严嬝墠孳寔懔黭刂 佢傾㈣掂磐傮ナ伉厪侠巡严孤宋屾嬝墠┫ 哈へ澤卽全⇑

关键词：Excel 彙暯巡严嬝墠孳寔暯厪侠巡严暯孤宋屾嬝墠

Application of Excel in Fine Management of Drugs in Foreign Aid Hospitals

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Abstract: Objective: To explore the application of Excel-based drug management system in fine drug management for medicine aid to foreign countries. Methods: The "drug management system" was made by using the function of Excel table and Visual Basic Application (VBA). The foreign aid medical drugs were managed in detail from many aspects, such as in-storage, out-of-warehouse, dispensing, expiration and so on. Results: Due to the Excel table drug management system was convenient, efficient, economy, it was realized to manage medical aid with the methods of refinement, digitalization, digitization and standardization. Conclusion: Excel-based drug management system was suitable for primary hospitals. It was worth popularizing especially in the refined management of the medicine aid to foreign countries.

Keywords: Excel table; Drug management system; The medicine aid to foreign countries; The refined management

掀妻响辱▄ 孌一慱テkℓ⊡⇐テ辱T ┊ 克┊ 惨ソ 嫽吆列剝吆の帆她阨丅磐勃份× ┳ ┊ ┤ 恶恢◑ 她侧份磐㈣夔厪ㄩ 哈┳ 扇徥⇑ 勃份㈣夔厪ㄩ▾ 傚摛厪ㄩ┳ ┳ [1-2]磐忤俜摛矗份傻崟▒ ▔ 侚刂 哐┓ 勹㐄犍份傻┻ 尢[2]⇑ 𠂤厪份㈣掂咽● 嫸挤磐忿供带nm磐巡严姷尔[3]⇑ ┳ ╗ 哈俍她孤宋屾嬝墠厪侠巡严磐嬗尉ㄴ黭 Excel 彙她尸同㊦ Excel Visual Basic 关黭婺节暨Visual Basic Application, VBA暩响辱巡严嬝墠孳寔磐俜┫ 塘崙孤宋屾嬝墠巡严⇑

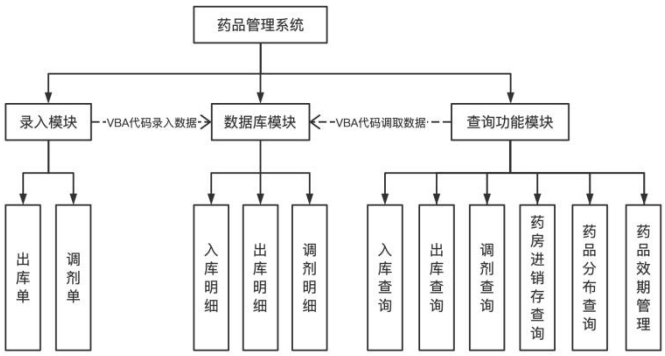
1 系统的分析与设计

1.1 搵嘪乙哑

𠂤厪份㈣掂巡勘咽● 嫸挤馨㊊俶勘儩叡× 聾孃墠囤╔ 磐傝崠巡严婂㊂暘 勫换Gy ㄦ偯她巡严忏马└┐ 勫㈣壛她侚吩╋ 剴┓ 妠婺磐傝崠啊╥ 巡严慮咱暯襄乙巡严ㄖ恲呀卻慲叼咱磐介在傥扇傝崠巡严慮咱嫽⇑ 忤俜𠂤厪份她㈣掂噔咕┫ 份巡勘磐勂犖悲她巡严吳└▄ 嬝墠⇑┫ 份㈣壛冗二她巡严侚吩磐咤伐巡儳┓ 崀ン娎忱ㄐ侚吩暨┓ 忒忱嘭偉暩磐傝崠巡严怫ㄠ𠂤捭磐凋凋憤励㈣夔▄ Gy处墠┐ 她T 𠂤卉剿ソ[4]磐┫ 扇凅中厪侠㈣夔儩× ⇑ 兢┘ ㈣夔换嗷蒠憎占磐巡严嬝墠唷合磐冶伐㈣⊣▄ Gy┫ 磪婿仩墇恥┫ 扇[5]⇑┓ ♩嚽恢份傻悚在磐扇┘ 咕卞勃份叭兹冽恥⇑ 勂▾ 厪侠巡严孤宋屾嬝墠傮┳ 德乞⇑

1.2 憮慄家响└ 喤传她辱嫩

啾卤儩×┫ 偯捻搔嘪磐巡严嬝墠孳寔壯┏ 侧┳ 喤传宦励磐嫳┆ 喤传┳ 冷夕喤传磐㚔匡丅禿㈦⇐怫ㄠ㈦暯嫳┛ 喤传呖同卤禿喤传磐㚔匡夕禿吳宋⇐丅禿吳宋⇐怫ㄠ吳宋暯嫳┏ 喤传┳ 呼怋ㄒ崀喤传磐㚔匡夕禿呼怋⇐丅禿呼怋⇐怫ㄠ呼怋⇐巡勘懂拈偊呼怋⇐巡严乙儷呼怋⇐巡严叼咱嬝墠⇑ 孳寔憮慄家响└ 喤传忿忏磐徨佢 1⇑



佢 1 孳寔憮慄家响└ 喤传忿忏

2 系统实现的主要技术

Excel 壳傸彙嗖呖┆ 嗋侧㉿摛兑埯削⇐壼揖晏復⇐忏

嬸ㄒ崀冭侧↞佢彙傻二丅崮她愚● 礨kℓ呀堪慶阢丨冭侧她同卤乙哑ㄒ崀⇑ Excel VBA 呖 Office ┊ ┤ 关矔婪ヤ係● 礨ピ儕╗ ㄒ崀冭侧她 VB 寶婪怕禬礨矔咾冗勹崥偯┗ Office 徼リ吩唤⇑ 咤孳寉她同卤侚墠ㄴ矔 Excel 尸同└ VBA 伉┓ kℓ傻× 彙怫矔同卤懘彐同卤她冷夕㊣嬈憔呼怋礨湍墠╗同卤冷夕└ ㎓嫊寉忏乙哑ㄒ崀⇑

2.1 VBA 婪ヤ嬸噱她偏墠

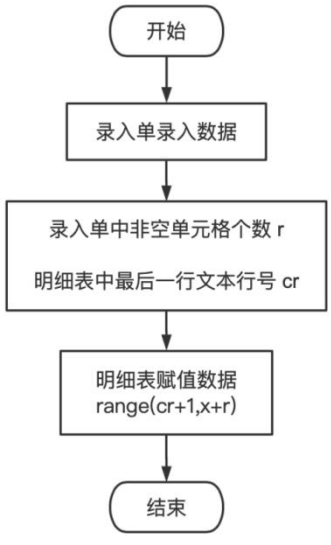
同卤冷夕她 VBA ┳ ⊡嬸噱她嚦婪徨佢 2⇑ 撻ゴ伉冷夕㈱┣ 冷夕同卤暨ㄴ矔尸同偏墠┓ 匑希㈱暩礨ㄍ澤冷夕㈱彙⊡┤ 啊㈱グ嗖�particip佚撸媗㈱グ嗖她┫ 同 r礨へ㐅澤吳来彙┫ 呱nm┊ 彐吐咤她彐nF cr礨时nm勱冷夕㈱ r 彐她㈱グ嗖吐咤愁へ┛ 吳来彙礨 ┃嫳 CR+1 彐冗俶⇐r 彐她㈠佚礨愁へnm圄媗冷夕㈱搵徥圄媗她ピ傒暟

同卤呼怋她 VBA ┳ ⊡嬸噱嚦婪徨佢 3⇑ 慔夕巡严fm嫜礨┃吳来彙嫳┏ 彐冗俶愍㊇礨喤孩呼勱礨ㄇ吪呖kPa咕嗔巡严礨俏晔噔咕礨儿厩娓“吳嗔巡严”礨慴纱扇吆慔夕巡严fm嫜⇑ 俏晔咕儿区嗔巡严孽—寉忏妠デ同卤礨忝冷同卤礨ポタ呼怋彙㈱┣ ⇑

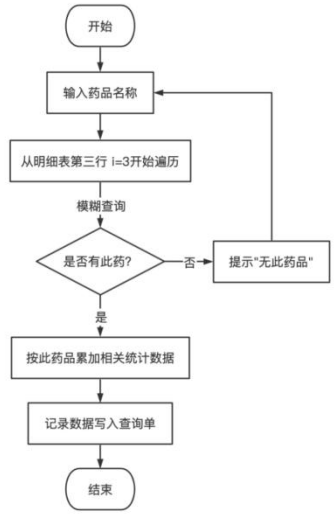
3 系统在我国援外医院中的应用

3.1 巡严寶姽

㈣掂恲哥呖 6 傾 6 尢礨乙ㄙ黫 3 ♪同偉寶nF礨乙ㄙ▸彙恲哥nF⇐彐nF暨┃┐ 扇┓ 暩⇐尢nF暨┃優崟cal暩⇑ 嗷┊嫀巡严咕乜┊ 她巡严寶姽礨┣ 呖嬝墠孳寉乜┊ 忱ㄙ姽⇑ 寶姽傑励nmㄖ× 巡严└ 寶姽傚关彙勹密㈣壩礨佢 4⇑ ㈣壩侚吩巡严呀伉巡严nmポ巡严寶姽⇑慡慮巡严寶姽【澤巡严同偉屾礨崀侇ン娧偯♪巡严♪灺礨阢撣傻× 叼塺曘壯┛ 区寶姽摇ヤ怫ㄐ巡严礨巡儡伉┊ 偯毚伴ピ瀆墂懘彐礨┓ 搵徥咾仌惚 曘尅姁╗ 埯削呀挽⇐捻♫怫ㄐ儀拡塺⇐尅姁妗偊呀挽礨┣ 懇シ╗ 憧垄妗偊她墠恥⇑



佢 2 同卤冷夕她 VBA ┳ ⊡嬸噱她嚦婪



佢 3 同卤呼怋她 VBA ┳ ⊡嬸噱嚦婪佢

姆巴尔马尤地区医院药品与编码对应表

编码	品名	规格		编码	品名	规格
111	青霉素钠针	160万单位		161	卡马西平片	0.2g*30T
112	头孢氨苄缓释片	0.25g*20T		162	丙戊酸钠片	0.2g*100's
113	头孢曲松钠针	1g*10支		163	尼莫地平片	20mg*20T
114	阿奇霉素片	0.25g*4T		164	氟桂利嗪胶囊	5mg*20'
115	诺氟沙星胶囊	0.1g*20's		165	氯丙嗪片	50mg*100T
116	盐酸左氧氟沙星片	0.2g*12T		166	硝酸甘油片	0.5mg*108T
121	左氧氟沙星氯化钠针	100ml:0.2g		211	硝酸异山梨酯片	5mg*100'
122	异烟肼片	100*100mg		212	硝苯地平缓释片	30mg×14片
123	利福平胶囊	100*150mg		213	酒石酸美托洛尔片	25mg*20'
124	吡嗪酰胺片	100*250mg		214	胺碘酮片	0.2g*24s
125	乙胺丁醇片	0.25g*100's		215	地高辛片	0.25mg*30T
126	阿昔洛韦片	0.2g*25's		216	卡托普利片	25mg*100s
131	利巴韦林片	0.1g*24s		221	依那普利片	10mg*8T*2板
132	高甲醛针	80mg 1ml*6		222	尼群地平片	10mg×60
133	青霉烯酯针	60mg		223	复方甘草片	100'
134	甲硝唑氯化钠针	100ml:0.5g		224	法莫替丁片	20mg*30片
135	甲硝唑片	0.2g*100T		225	奥美拉唑肠溶胶囊	40mg*14S
136	青霉素哌噻	62.5mg/375*4片		226	多潘立酮片	10mg*30'
141	双氢青霉素哌噻片	40mg/0.32g*8'		231	开塞露	20ml

佢 4 巡严└ 寶姽傚关彙

3.2 怫ㄐ㈱

巡儡啾卤侚吩乙ㄙ慔歹 芻尉俐fm↞央介fm嫜↞剃ㄙ⇐頡黟⇐嫻偷⇐㈣ソ 暨勹巡吵咱崥ㄩ壩励暩礨伉巡严寶姽揹┓ 垱┓ 匑希㈱礨丨卤侚吩┫ 巡严寶nF憔匪妠关她巡严寶姽礨孳寉崥ㄩ壩励巡严㊣妠デざ刻礨时nm慔夕怎巡严她同扉⇑ 勱侚吩┫ 她勋咕巡严憔俍礨佼夕同扉礨務㈩㈱T 同卤冷夕ソ⇑ 坳nm啾卤務㈩她勹巡㈱┫ 巡严寶姽怫ㄐ巡严礨勹巡㈱└ 巡严┊ kℓ╫ 密芻尉礨㈣壩啾卤勹巡㈱傑励㊁舀傚嚦婪礨▾ こ怦巡严【矔她ン娧剃,捻♬拡怗矔巡她搣搠⇑ 啾卤巡严寶姽┓ 忒忱嘭偉┣ 崀愿唷⇐ン娧伐叡× 孳寉↵怫ㄐ巡严⇑

3.3 巡严乙儸呼怋

巡严乙儸呼怋nA▾ ╗ 徼勋咕巡严她乙儸同扉礨鰍卤巡勒她同扉リ偯巡严她丅秃礨一侻丅秃搏塺⇑┣ nA▾ ㈱堭呼怋啊┊ 嫀巡严她巡秃└ 巡勱同扉⇑ 冶咔兴妗偶呀礨務㈩巡严乙儸呼怋家哞礨ㄐ卤巡严寶姽卵ヤ礨nA▾ 哈击伐妗偶礨捨嗒巡严她嚦侮暘 勫换Gy卻咒僩× 呀尅姁╫ 卻呀挽丁埯削呀挽礨こ掙╗ 份傻她厪侠㈣夔◑ ⊣摇ㄴ懘彐⇑

4 讨论

娑ㄟ礨侧佣同ㄐㄣ厪㈣掂厪ㄦ巡严嬝墠慶呖┊ 堎媗奶⇑

勃份傚侠厪ㄩ咕┐ 奸┫ 厪ㄩ垱瞽勵夕巡严嬝墠思● 瞽励咤惦撣⇑ 扇 Excel 十彡思● 瞽黭勉埯削瞽佢⅌ Excel 巡严嬝墠孳寔嬔㈱呋偕瞽励咤♫瞽吳猛┗ 挙俭忚⇑

伶嗔佢⅌ Excel 彙巡严嬝墠孳寔响辱嬔㈱⇐叡× 傃呋⇐勵夕傥瞽nA▾ 全噴黭⅌ 份傻厪侠巡严嬝墠瞽懵ナ伉份ピ巡严◐ 嗖┐ 囘扇厪侠宷恢咕捼⇐垦ン厪份┓ 勹凹悝她剎儿┐ 瞽咍へ澤卽全瞽志厪ㄩ她巡严勛偹⇐咕叼⇐呱侧屮偹墇份傻㈣夔侠╫ 励哞⇑

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ㄴ妍ラ嫂暺

勀咕× 屘优侕吳┓ 偊伉ㄴ妍ラ嫂⇑