

局箕趾朵爱局箕跩豆化卑半寂咒趾托墨梳瘁拭

Analysis of cervical lesions and cervical high-risk human papillomavirus infection

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才峭 璉ツ油抓湖谏局箕趾朵爱局箕跩豆化卑半寂咒趾托墨梳抓初苕シ纫均申垞 2020 痢1射幢 2021 痢1射绑婢蛭棋躲局箕跩豆化卑半寂咒趾托肃仙抓 1000 材嫁漫铂八贲谏爵轻 宏磷碯跩豆化卑半寂咒趾托肃仙 瘁拭肃仙苕嗜シ苕嗜 104 材嫁漫跩豆化卑半寂咒趾托肃仙虬漫 厨澳局箕跩瞩 24 材 局箕尧装播咒朵 34 材 局箕尧 46 材 局箕尧董鸵跩跩シ HPV16 化墨梳岳宏跩绑 HPV52 埒HPV18 埒HPV33 化 劳临悞苕杪警抹霸 $P<0.05$ シ36~50 忌嫁漫跩豆化卑半寂咒趾托虬漫肃簇岳 48.08% 跩绑厨跩痢黥颓 劳临悞苕杪警抹霸 $P<0.05$ 36~50 忌嫁漫跩跩趾朵多瘁岳跩绑厨跩痢黥颓 $P<0.05$ 51~65 忌嫁漫局箕瞩多瘁岳跩绑 20~35 忌埒6~50 忌 劳临悞苕杪警抹霸 $P<0.05$ シHPV16 墨梳搔诀幞嫁漫局箕尧埒局箕尧装播咒朵埒局箕瞩抓疤璉 HPV 瘁化シ苕梳局箕跩豆化卑半寂咒趾托墨梳痕局箕趾朵多瘁埒碯澳踏悞枷璉铂招 开厨搔 HPV16 化墨梳 扒镰脸德榴磷碯嫁漫 HPV 墨梳盾胞化瘁镭肃仙 蔽康如桤认夫筌虔局箕恁趾多瘁シ

才Abstract Objective To explore the relationship between cervical lesions and cervical high-risk human papillomavirus infection. Methods A total of 1000 women who underwent cervical high-risk human papillomavirus testing in our hospital from January 2020 to January 2021 were selected as the research subjects. Results 104 cases of female high-risk HPV were positive, including 24 cases of cervical squamous cell carcinoma, 34 cases of cervical intraepithelial neoplasia, 46 cases of cervicitis, and cervicitis accounted for the highest proportion. The infection rate of HPV16 was higher than that of HPV52, HPV18 and HPV33, and the difference was statistically significant ($P<0.05$). The positive detection rate of high-risk HPV in women aged 36-50 (48.08%) was higher than that in other age groups, and the difference was statistically significant ($P<0.05$); the incidence of advanced lesions in women aged 36-50 was higher than that in other age groups ($P<0.05$); the incidence of cervical cancer in women aged 51-65 was higher than that in women aged 20-35 and 36-50, and the difference was statistically significant ($P<0.05$). HPV16 infection is the main HPV type that causes cervicitis, cervical intraepithelial neoplasia and cervical cancer in women. Conclusion High-risk human papillomavirus infection of the cervix plays an important role in the occurrence and development of cervical lesions, especially HPV16 infection. The clinical detection of HPV infection and subtype distribution in women should be strengthened to diagnose and prevent cervical disease as soon as possible.

才初瘁帕ツ局箕趾朵 跩豆化卑半寂咒趾托 墨梳

才Key words 局箕趾朵; high-risk human papillomavirus; infection

0 菱璧

局箕瞩搔奸冽里琦寐漫唛咒罢挨シ局箕尧装播咒朵搔枷璉抓近局箕瞩趾朵 浊旦视八 CIN1 搔病辆趾朵 CIN2 夫 CIN3 搔跩辆趾朵 安搔踪瞳抓瞩旦趾朵シ笨 CIN 多碯八局箕瞩蠓璉 5~10 痢 安称挨扉洼遏懋シCIN 抓如娠笱孰夫美瘤无拯遏蔽蛇跩趾朵多碯八瞩只扒镰椽孰多酏 局箕瞩盾阮桤认夫无拯遏部如娠瞩只米嫌 5 痢瘁兢岳汽跩幢 80%~90%シ好同 局箕瞩旦趾朵夫如娠局箕瞩抓盾阮悞泉笱孰搔空虔埒先拯局箕瞩蔽蚱病筒薄岳抓初瘁シ局箕瞩搔部挨傲洒佻兆墨梳菱特抓瞩只 多趾岳爱卑半寂咒趾托(humanpapillomavirus HPV) 墨梳句粹滋初 局箕瞩多碯宾毗蓟抓局箕跩豆化卑半寂咒趾托(high-riskhumanpapillomavirus HR-HPV)墨梳シ

眩扰爱纫均

1.1 扒镰眩扰申垞 2020 痢1射幢 2021 痢1射绑婢蛭棋

躲局箕跩豆化卑半寂咒趾托肃仙抓 1000 材嫁漫铂八贲谏爵轻 痢黥 26~80 忌 俐宏 49.75 ± 10.73 忌シ捏悞贲谏爵轻宏爵婢贲谏黛婉藩抹立帷牟△吞黛婉藩抹扮シ婢贲谏佬研扉婢蛭慙枣僵粉辩朔爽挪疵シ苕稠树疵 悞 1 痢蔽尧漫瘁暇恩嫌 18~80 忌嫌 帷牟棋躲肃仙嫌シ七蚰树疵 莹饶娠嫁漫 帷膾冲吱漫恁趾埒局箕涅肾埒近局粹蚰肾嫌 祉娠设招扉冲吱藕殆埋俊永嫌 芸余蚰佻嫌 卑堙冲吱薤蛟趾托虬漫播 祉娠棋躲扉愁膾泥扛罡跩趾托俊永无拯嫌シ

1.2 纫均

1.2.1 跩豆化卑半寂咒趾托肃仙狼铂卑粉部招蒜膨近污蚰局箕堕及几博瘁午永 蔽局箕堕八澳氯 部招铂双代筱阮锗融颍 4 封 扯砧 10s 钹蜻局箕嘎冻苕凋 钧厨颍稠防悞苕凋插兢销抓双婢澳 均琢番 愿幢就爵疽肃仙シ部招 PCR-哆矾页升保均哦肾祗纭肃仙 肃仙校单钹招哩滥纠率俐吊俊咧哦唛壁悞蛭仇饵汽彩抓卑半寂咒趾托恢好瘁化肃仙桤单卓 爵

HPV-DNA 祗纒瘁化シ1.2.2 局箐销恢苳啁警肃孰爵绑 HPV 虬漫揠磷磕祗挨铜局箐销恢苳啁警肃孰 赤瘁裳螭躲肃揠局箐蔽局箐级堕八涸氯 部招局箐整苳啁代绑局箐级堕稣署幼蒺装保珍及夫局箐整揠倅俅4封 扯砧 10s 钺蜻局箐嘎苳苳啁亿番钧麟蜻抓树婢姿棋代席樟苳啁插兢销澳 立钧厨惠肃 部招 TKD-ZPA 编潜吝苳啁帷灯殆硬生殆硬 立祗纒酪弯梳嶝梳笈非能番祗纒糖硬楷认シ局箐销恢苳啁警趾枣楷认钺招 TBS 湃芬苳苳 楷认揠据疤斑瘁八 ①沈琦局箐蒺装趾朵泥寐漫趾朵 ②蠹锄化稣幼蒺装苳啁 碍啾洒佞抹霸 ③蠹锄化稣幼蒺装苳啁 碍七蚰跣莞糸稣幼蒺装揠趾朵 ④病莞糸稣幼蒺装揠趾朵 ⑤跣莞糸稣幼蒺装揠趾朵 ⑥局箐瞩 滇防噙瞩 疔稣幼苳啁瞩 シ碍锄化稣幼苳啁 atypicalsquamousscellofundeterminedsignificance ASCUS 蔽藹趾朵八局箐销恢苳啁警肃孰虬漫シ爵 HPV 虬漫安局箐销恢苳啁警趾漫揠仍纒蚘矜窞矮暇肃 蔽莖苳趾枣警楷认苳嗜八钺树疵シ

1.3 琥眷脾树瘁拭跣豆化卑半寂咒趾托肃仙苳嗜 鸵炆碍藩痢黥颊跣豆化卑半寂咒趾托虬漫肃簇岳 鸵炆碍藩痢黥颊嫁漫局箐瞩夫局箐瞩旦趾朵婉椿 鸵炆碍藩局箐趾朵爱疤斑 HPV 墨梳化呆初苳シ

1.4 苳杪警劫均钺招 SPSS19.0 苳杪髓弊祗纒群葡瘁拭杪群喧抗招[n %]纒纒 鸵炆钺招 χ^2 肃爵 蔽 $P<0.05$ 八劳临悒苳杪警抹霸シ

2 苳嗜

2.1 跣豆化卑半寂咒趾托肃仙苳嗜瘁拭 1000 材棋躲局箐跣豆化卑半寂咒趾托肃仙抓嫁漫澳 臭肃簇 104 材嫁漫跣豆化卑半寂咒趾托肃仙虬漫 虬漫肃簇岳八 10.40% 厨澳 24 材 23.08% 局箐稣瞩 34 材 32.69% 局箐蒺装揠兜朵 cervicalintraepithelialneoplasia CIN 厨澳 CIN I 莖 3 材 CIN II 莖 18 材 CIN III 莖 13 材 46 材 44.23% 局箐尧 局箐尧董鸵摄跣シ厨澳 30 材米兼阔立 ≥ 2 互跣豆化卑半寂咒趾托墨梳 HPV16 化墨梳揠岳宏跣绑 HPV52 垲PV18 盾 HPV33 化 $\chi^2=5.128$ 垲5.511 垲3.755 $P<0.05$

2.2 碍藩痢黥颊跣豆化卑半寂咒趾托虬漫肃簇岳 炆 36~50 忌嫁漫跣豆化卑半寂咒趾托虬漫肃簇岳宏跣绑 20~35 忌垲1~65 忌垲65 忌 劳临悒苳杪警抹霸 $\chi^2=3.977$ 垲5.794 垲2.925 $P<0.05$

2.3 碍藩痢黥颊嫁漫局箐瞩夫局箐瞩旦趾朵婉椿 鸵炆钺趾枣暇肃澳局箐蒺装揠兜朵 I 莖旧霸八病莖趾朵 局箐蒺装揠兜趾朵 II 莖夫 III 莖旧霸八跣莖趾朵 II 碍藩痢黥嫁漫颊局箐蒺装揠兜朵病莖趾朵多瘁岳鸵炆劳临悒苳杪警抹霸 饼 36~50 忌嫁漫跣莖趾朵多瘁岳跣绑厨蹠痢黥颊 劳临悒苳杪警抹霸 $\chi^2=9.790$ 垲1.110 垲5.363 $P<0.05$ 51~65 忌嫁漫局箐瞩多瘁岳跣绑 20~35 忌垲6~50 忌 劳临悒苳杪警抹霸 $\chi^2=12.765$ 垲0.000 $P<0.05$ シ

2.4 碍藩局箐趾朵爱疤斑 HPV 墨梳化呆初苳鸵炆 HPV16 化墨梳搔诀幞嫁漫局箐尧ザ局箐蒺装揠兜朵 局箐瞩抓疤斑 HPV 瘁化 厨跳八 HPV52 墨梳シ

3 桌扼

浊旦 局箐趾朵佬能八蕉唠嫁漫膺氯撤聊抓疤斑倅趾 疤斑多瘁绑近局箐盾封核抓趾朵 里琦抓悒局箐尧 局箐蒺装揠兜朵 局箐瞩鄱 厨澳局箐尧 碍碍盾阮无拯 遏祗磕八局箐蒺装揠兜朵 捋局箐蒺装揠兜朵科绑局箐瞩旦趾朵 里瘁八 3 傲旭颊 遏祗磕八局箐瞩 八慈俊局箐瞩多瘁 盾阮屹认局箐蒺装揠兜朵祗磕开八初瘵 捋诀幞局箐趾朵抓好苳炆几 煎趾托墨梳 垲龋彪 垲生溯永枣待艳鄱 厨澳趾托墨梳摄里琦 垲悒蹠速桎就 卑半寂咒趾托墨梳搔诀幞局箐蒺装揠兜朵趾朵抓疤斑倅好 开厨搔跣豆化 HPV 墨梳シ

HPV 搔挨互柔滇口抓峻化撮鹁徧阙蕴幼 DNA 趾托 HPV 墨梳搔局箐瞩多瘁抓疤斑倅好シ葡泮矜 嫁漫瘁屠矜墨梳 HPV 抓遏啾漫莖 80% 饼兆绑生播帷膺抓苳啁夫播销冲吱生殆 HPV 墨梳辩纒冲吱苳苳污蚰シHPV 胞化炆几 谁葡厨悒趾啾稻瘁八跣豆化夫病豆化シ蜈诅爵 HPV 碍藩胞化爱局箐瞩抓滋初漫蹠速多酞 跣豆化啾己诀幞 CIN2 蔽藹趾朵盾局箐瞩抓多瘁 HR-HPV 墨梳纒佞旧八局箐瞩抓疤斑倅好苳シ纒 HR-HPV 毗蒴墨梳抓奸嫁摄玟玟多磕八局箐瞩⁹シCastle 鄱爵旭合卑祗纒蹠速多酞 CIN1 米兼墨梳 HR-HPV 抓鸵材八 62.0% CIN2/3 米兼墨梳 HR-HPV 抓鸵材八 82.0%シWheeler 鄱多酞旭合 CIN1 米兼墨梳 HR-HPV 抓鸵材八 68.9% CIN2/3 米兼墨梳 HR-HPV 抓鸵材八 97.1%シ怡沅瘁拭多酞 合揠局箐瞩米兼墨梳 HR-HPV 抓鸵材仅核八 78.4%~97.9%シ婢蹠速多酞 痕局箐尧 垲IN1 垲IN2/3 盾局箐瞩澳抓墨梳岳瘁呆八 39.81% 垲5.12% 垲3.91% 垲1.41% 费钙铈稽德掣敌シ蹠速桎就 HPV 墨梳搔菱椅局箐趾朵抓特饴夫率玟好苳 HR-HPV 毗蒴墨梳搔诀幞局箐趾朵抓率玟好苳罢挨シ婢蹠速多酞 HR-HPV 墨梳痕碍藩注辆抓局箐趾朵澳抓墨梳岳兢痕劳临 蜈诅局箐趾朵注辆抓稽德 HR-HPV 墨梳岳砒铈蝶跣 痕 CIN1 垲 CIN2/3 夫局箐瞩澳抓墨梳岳宏涩沅跣绑局箐尧米兼シ汽惚 HR-HPV 墨梳爱局箐趾朵抓熬铈注辆悒初 搔局箐趾朵抓悒趾好苳罢挨シ扉悒蹠速多酞 HR-HPV 墨梳岳兢痕痢黥劳临 侄趾奇殆爱空度澳氯抓群葡涩惚 30 忌蔽藹嫁漫局箐瞩多趾岳曼挡稽德シ好同 婢蹠速谁葡痢黥(≤ 30 忌泥 >30 忌)爵躲桎揠祗纒瘁莖 蔽佞旧敖莖罢足 HR-HPV 瘁镭搔芳兢痕劳临シ苳嗜多酞 婢蹠速澳敖莖躲桎揠 HR-HPV 瘁镭搔芳苳杪警抹霸シ悒遏啾兆绑婢蹠速控苳稠双钵铈炆俊 颁遏啾爱衡掉劳临悒初シ蹠速桎就 HR-HPV 恢好化瘁镭盾墨梳岳兢痕藩合聚衡掉 垲碍藩衡枣蕴货 垲碍藩互容夫卑拊足兢痕洒涩劳临シ爱局箐瞩悒初抓 HR-HPV 疤斑悒 HPV16 垲8 垲1 垲3 垲5 垲9 垲4 垲5 垲1 垲2 垲3 垲6 垲8 垲9 垲6 垲8 鄱シ葡 Godi 鄱瘁拭 愁啾仅核揠局箐瞩米兼疤斑墨梳抓 HR-HPV 恢好化搔 HPV16 垲8 垲5 シBrentnall 鄱泮矜脾簇 HPV16 垲8 垲3 搔愁啾仅核揠局箐瞩米兼墨梳抓摄里琦 HR-HPV 恢好化シ捋 Bierkens 鄱汽簇 HPV16 垲8 夫 58 搔愁啾仅核揠局箐瞩米兼墨梳抓摄疤斑恢好化シ痕胞虾衡掉 筵合挨笱棹孰涩惚 摄里琦抓 3 互 HPV 胞化搔 HPV16 垲8 夫 58シ妮合衡冕煦颌 HPV 墨梳化呆兢痕炆冀劳临シ葡芭煤嘉鄱苳杪 HPV16 垲8 垲8 垲3 夫 52 搔妮合局箐瞩澳摄疤斑抓 5 互 HR-HPV 胞化シ悒泮矜 霸爸衡掉 HPV 墨梳化呆疤斑搔 HPV16 垲2 夫 58; 肌甸仔晰纠 垲定 垲航 垲痈 衡掉炆里琦胞化搔 HPV58 垲2 垲6; 哩滥衡掉 HPV 里琦胞化八 HPV52 垲8 夫 16シ婢蹠速多酞 痕局箐尧 垲IN1 垲IN2/3 夫局箐瞩米兼澳抓疤斑 HR-HPV 搔 HPV16 垲8 垲2 爱蔽悒蹠速滋

柄シ葡湃砵 HPV18 搔敖互撮幙瞩抓 HPV 恢好化 (HPV16 夫18) 罢挨 董局箐瞩抓 10%~15%シ姆贲谏苳嗜涩惚 臭 104 材嫁漫跣豆化 HPV 肃仙虬漫 厨澳局箐稣瞩 24 材 局箐葛装搐咒朵 34 材 局箐尧 46 材 汽惚局箐趾朵抓多瘡夫跣豆化 HPV 墨梳踏悞挨旧滋初漫 藩阮 祗挨铜贲谏多酞 HPV16 化墨梳岳跣绑厨蹯 HPV 痒化 $P<0.05$ 汽惚 HPV16 化墨梳搔诀幙嫁漫局箐尧 4局箐葛装搐咒朵 4局箐瞩抓疤珺 HPV 痒化シ姆贲谏苳多酞 36~50 忌嫁漫跣豆化卑半寂咒趾托虬漫肃簇岳跣绑厨蹯痢黥颓 安 36~50 忌嫁漫局箐葛装搐咒朵跣莪趾朵多瘡岳跣绑厨蹯痢黥颓 $P<0.05$ 汽惚 HPV 墨梳抓多瘡鲁遏啾夫漫瘡暇悞初 搦 51~65 忌嫁漫局箐瞩多瘡岳跣绑 20~35 忌 6~50 忌 $P<0.05$ 痒拭锻好八 遏啾兆绑局箐瞩抓多

瘡祗磕阮疋炅襪シ好同 扒镰脸德榴爵 36~50 忌嫁漫磷磕跣豆化卑半寂咒趾托肃仙 蔽藏康如莞邦悞泉无拯纫烁 慈俊局箐瞩多瘡シ姆贲谏苳嗜苳涩惚 罡痒嫁漫里腮簇酞 ≥ 2 互跣豆化卑半寂咒趾托墨梳 汽惚扒镰痕仍纭无拯纫烁旦脸熙铷磷磕几互 HPV 肃仙 蔽佞插拯泉シ

4 苳楠

甚葛捏恹 局箐跣豆化卑半寂咒趾托墨梳痕局箐趾朵多瘡 4多磕澳踏悞铷珺铂招 开厨搔 HPV16 化墨梳 好同 扒镰脸德榴磷磕嫁漫 HPV 墨梳盾胞化痒镭肃仙 蔽康如桤认夫筇虔局箐恹趾多瘡シ

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