**Table 1. Clinical characteristics of acute ITP patients.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Serial** | **Author** | **Age**  **Mean range** | | **Gender**  **F M** | | **ITP duration**  **Mean range** | | **Plt (x109∕L)**  **Mean range** | | **Bleeding symptoms** |
| **1** | **Qingshen Li ,et al** | **32.5** | **(18-68)** | **63.6%** | **36.3%** | **5** | **(2-11) month** | **11.5** | **(1-31)** | **PT,EC,EP,GUH,GH** |
| **2** | **Ye X, et al** | **36** | **(9-62)** | **60%** | **40%** | **19.4** | **(1-41)m** | **13.3** | **(4-27)** | **PT,EC,EP,GUH,GH** |
| **3** | **Hala M.Farawelaa, et al** | **6 .29** | **(2-13)** | **42.9%** | **57.1%** | **7.5** | **(3-12)m** | **31.79** | **(5-87)** | **PT,EC,EP,GUH,GH** |

**Key EC, ecchymoses; EP, epistaxis; GH, gingival hemorrhage; GUH, genitourinary hemorrhage; PT, Petechiae.;**

**M Male;F,Female ;plt,platelets; ITP, immune thrombocytopenia .**

**Table 2. Clinical characteristics of chronic ITP patients.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Serial** | **Author** | **Age**  **Mean range** | | **Gender**  **F M** | | **ITP duration**  **Mean range** | | **Plt(x109∕L)**  **Mean range** | | **Bleeding symptoms** |
| **1** | **Qingshen Li ,et al(2014)** | **36.5** | **(17-72)** | **62.5%** | **37.5%** | **66** | **(12-252)m** | **12.5** | **(3-47)** | **PT,EC,EP,GUH,GH** |
| **2** | **Qingshen Li ,et al(2015)** | **39** | **(17-72)** | **65.7%** | **34.2%** | **5** | **(1-21)m** | **11** | **(2-47)** | **PT,EC,EP,GUH,GH** |
| **3** | **Hala M.Farawelaa, et al(2016)** | **7 . 9** | **(2-14)** | **50%** | **50%** | **>12m** | | **124.14** | **(55-216)** | **PT,EC,EP,GUH,GH** |

**Key EC, ecchymoses; EP, epistaxis; GH, gingival hemorrhage; GUH, genitourinary hemorrhage; PT, Petechiae.;**

**M Male;F,Female ;plt,platelets; ITP, immune thrombocytopenia .**

**Table 3. effect of dexamethasone on platelet count.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Serial** | **Author** | **year** | **Number of cases**  **F M** | | **Plt count before DXM**  **Mean range** | | **Plt count after DXM**  **Mean range** | |
| **1** | **Yanxia Zhan, etal** | **2013** | **40** | **10** | **6** | **(1-19)** | **198** | **(101-289)** |
| **2** | **Qingshen Li ,et al** | **2015** | **25** | **13** | **11** | **(2-47)** | **125** | **(13-231)** |
| **3** | **Ye X, et al** | **2015** | **7** | **4** | **13.8** | **(7-22)** | **119** | **(37-257)** |

**KEY M Male;F,Female ;plt,platelets ; DXM ,Dexamethasone .**

**Table 4.correlation between level of IL23 and dexamethasone**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Serial** | **Author** | **year** | **Number of cases** | **Level of IL23 after dexamethasone** |
| **1** | **Yanxia Zhan, etal** | **2013** | **54** | * **Four SNPs in the IL-23R gene were not shown to have relationship with prognostication of the therapeutic response of HD-DXM (p all >0.05).** * **These results suggested that IL-23R polymorphisms may not serve as predictors of response to HD-DXM.** |
| **2** | **Qingshen Li ,et al** | **2015** | **38** | * **The plasma level of IL-23**   **in patients had decreased significantly after treatment (p < 0.01) and normalized after HD-DXM treatment**   * **The plasma level of IL-23 (r =0.567, p < 0.001) was negatively correlated with the platelet counts in the c ITP patients after treatment** * **There were no significant differences in the plasma level of il23 between the patients with a complete response and the normal controls (p > 0.05).** * **However, the level of, IL-23**   **was still significantly higher in patients with no response than in normal controls.** |
| **3** | **Ye X, et al** | **2015** | **11** | **Decreased plasma level of IL-23 after effective treatment** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Serial** | **Author** | **year** | **correlation between level of IL23 and platelet count** |
| **1** | **Qingshen Li ,et al** | **2014** | **The PB plasma level of IL-23 was negative correlated with platelet counts in ITP patients (IL-23: r ꞊0.327, p꞊0.027)** |
| **2** | **Ye X, et al** | **2015** | **IL-23 level in ITP plasma was negative correlated with platelet count** |

**Table 5.correlation between level of IL23 and platelet count before treatment with dexamethasone**

**Table 6. method of detection of IL23 in different study.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Serial** | **Author** | **Year** | **method** |
| **1** | **Yanxia Zhan, etal** | **2013** | **PCR** |
| **2** | **Qingshen Li ,et al** | **2014** | * **PCR** * **Flowcytometry** |
| **3** | **Qingsheng Li ,et al** | **2015** | * **ELISA** * **Flowcytometry** |
| **4** | **Ye X, et al** | **2015** | * **PCR** * **ELISA** * **Flowcytometry** |
| **5** | **Hala M.Farawelaa, et al** | **2016** | **PCR** |