Supplementary Table 1 The coding details of representative quotes, subcategories, and categories

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Consequences of sense of job insecurity	Changing their work attitudes	"Accident, made me more mentally stressed and insecure. I was more cautious and increased the frequency of overseeing the ward around to find potential problems when I was on duty alone." (P18)
	Unhealthy psychological conditions	"My female colleagues were usually in poor moods after suffering violent injuries. They even complained about work and doubted about their own abilities: Why didn't I do it well? Was it because I did not communicate well with patients or others?" (P18)
The needs to improve a sense of job security	Improvement in communication ability	"The communication skills with patients were often appeared in bookYou had to constantly practice in work for many years to enhance themCommunication skills were poor among new nurses. It would be better if the hospital had training courses on communication skills for us." (P8)
	Needs for supervisor and organizational support	"After female nurses suffer from violence, they need more supervisors' humanistic care, while males might not care so much Male nurses might be stronger than female nurses in self-regulation, especially for the ability to bear grievances." (P18)
	Needs for policy support	"As a nurse leader, When there is a need to make some changes, I would ask for the nurses' opinions and combine their views with clinical practice. Only when the policies and procedures are in the line with the clinical practice, would it decrease unnecessary workflows and improve the quality and efficiency of work." (P15)
		"I hoped the hospital could strengthen the security team And nurses could wear an alarm. If an accident occurred, nurses could connect to the alarm in a timely manner." (P16)